

# Converting Colors

RGB(240, 250, 248)

Have a look what the booklet for  
RGB(240, 250, 248) contains.

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# **Color**

**RGB(240, 250, 248)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F0FAF8                     |
| RGB         | 240, 250, 248              |
| RGB Percent | 94%, 98%, 97%              |
| CMY         | 0.0588, 0.0196, 0.0275     |
| CMYK        | 0.04, 0.00, 0.01, 0.02     |
| HSL         | 168°, 50%, 96%             |
| HSV         | 168°, 4%, 98%              |
| XYZ         | 87.0641, 93.6738, 102.2990 |
| YIQ         | 246.7820, -5.3180, -2.7420 |

# Conversions

## Conversions Part 2

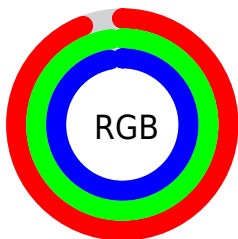
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 240, 246, 250                |
| Decimal                             | 15792888                     |
| CIE <sub>Lab</sub>                  | 97.50, -3.64, -0.19          |
| CIE <sub>LCh</sub>                  | 98, 3.641, 183.060           |
| Yxy                                 | 93.6738, 0.3076,<br>0.3310   |
| Android<br>(android.graphics.Color) | 4293982968<br>(0xFF0FAF8)    |
| YUV                                 | 246.7820, 0.6005,<br>-5.9478 |
| Hunter-Lab                          | 96.7852, -8.8028,<br>5.0819  |

# Details

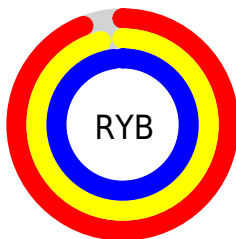
The RGB color 240, 250, 248 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 250, 240, 242, and the grayscale version is 247, 247, 247.

A 20% lighter version of the original color is 255, 255, 255, and 184, 194, 192 is the 20% darker color. If you saturate the color by 10%, you get 215, 250, 243, and if you desaturate by 10%, it is 255, 250, 253.

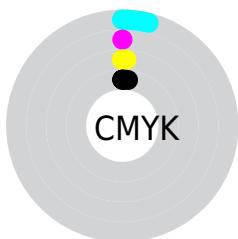
# Distribution



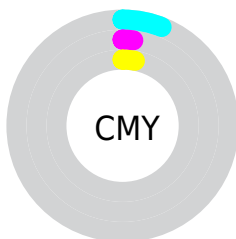
- Red (94%)
- Green (98%)
- Blue (97%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 240, 250, 248 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 240, 250, 248 by changing the saturation by 10% instead.




 240, 250, 248


255, 255, 255

 240, 250, 248

 212, 221, 219

 184, 194, 192

 157, 166, 165

 131, 140, 138

 106, 115, 113

 82, 90, 88

 59, 67, 65

 37, 45, 43

 16, 24, 23

 240, 250, 248

 240, 250, 248

 215, 250, 243

 255, 250, 253

 190, 250, 238

 255, 250, 255

 165, 250, 233

 140, 250, 228

 115, 250, 223

 90, 250, 218

 65, 250, 213

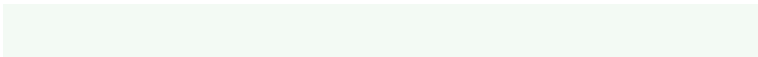
 40, 250, 208

 15, 250, 203

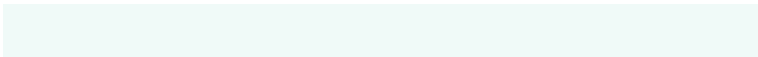
# Harmonies

## Analogous

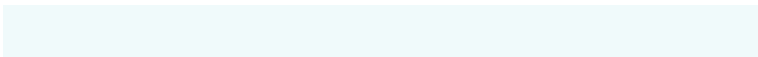
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 250, 244



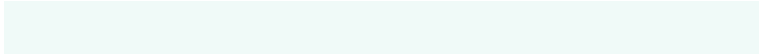
240, 250, 248



240, 250, 251

# Triad

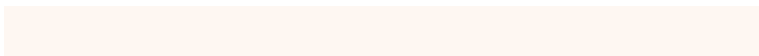
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 250, 248



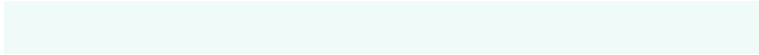
249, 247, 254



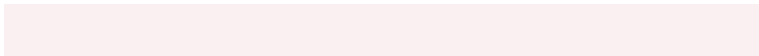
254, 247, 242

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



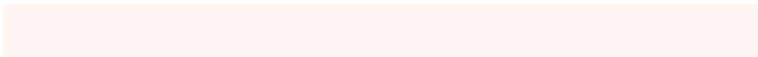
240, 250, 248



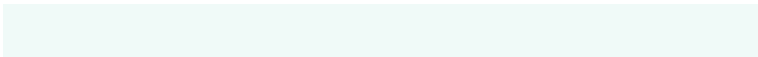
250, 240, 242

# Split Complementary

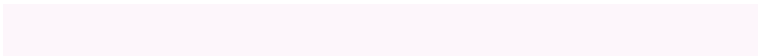
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 246, 244



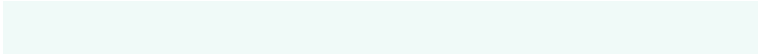
240, 250, 248



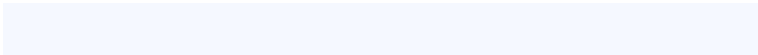
253, 246, 251

# Square

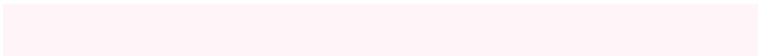
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240, 250, 248



245, 248, 255



255, 245, 248



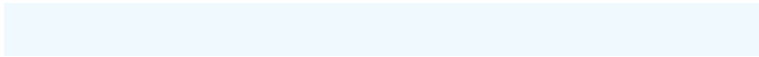
251, 248, 241

# Rectangle

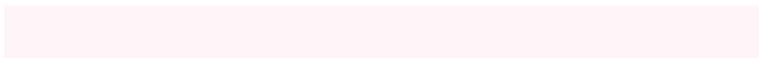
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240, 250, 248



240, 249, 253



255, 245, 248

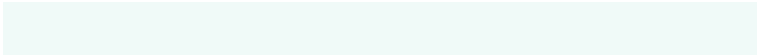


255, 246, 242



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



240, 250, 248



252, 255, 254



242, 250, 240



126, 128, 127



0, 0, 0

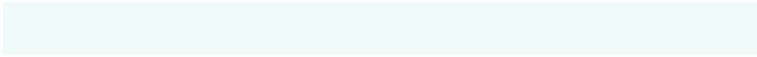


128, 128, 128

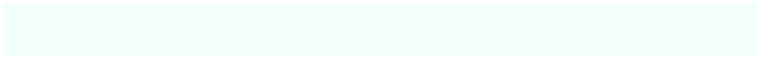


# Same Dimension

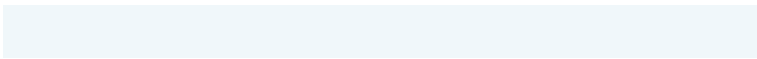
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 250, 248



242, 255, 252



240, 247, 250



117, 125, 123



0, 189, 151

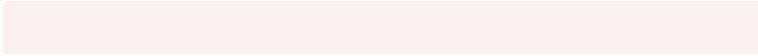


0, 61, 49



# Inverse Universe

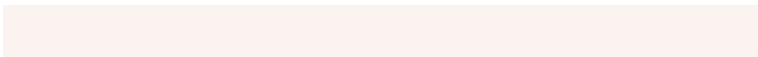
The Inverse Universe completely reimagines the original color for something new.



250, 240, 242



255, 242, 245



250, 243, 240



125, 117, 119



189, 0, 38

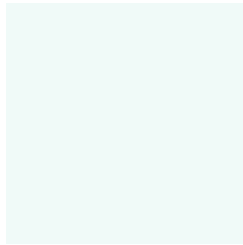


61, 0, 12



# Previews

## White Background



This preview shows how the RGB color 240, 250, 248 looks on a white background.

## Color Contrast Check

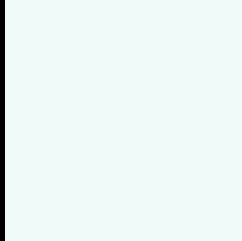
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 240, 250, 248 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

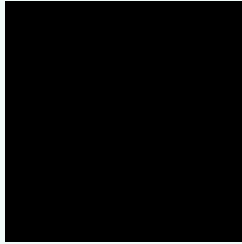
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

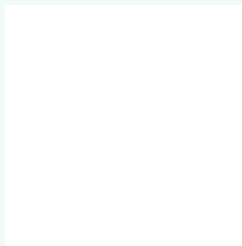
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 240, 250, 248 Background



This preview shows how black text looks on a background with the RGB color 240, 250, 248.

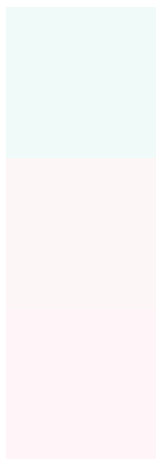


This preview shows how white text looks on a background with the RGB color 240, 250, 248.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

240, 250, 248

### Protanopia

252, 246, 246

### Deuteranopia

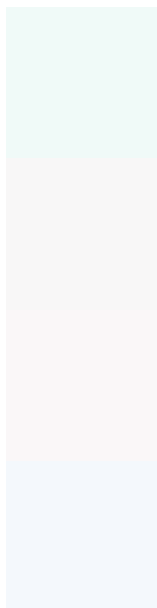
255, 245, 248



# Tritanopia

246, 247, 255

# Trichromacy



## Original Color

240, 250, 248

## Protanomaly

248, 247, 247

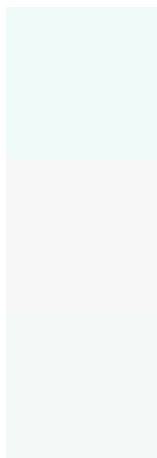
## Deuteranomaly

250, 247, 248

## Tritanomaly

244, 248, 252

# Monochromacy



## Original Color

240, 250, 248

## Achromatopsia

247, 247, 247

## Achromatomaly

244, 248, 247

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 240, 250, 248 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(240, 250, 248) looks like.

```
.text, #text, p{  
    color:rgb(240, 250, 248)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 250, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 250, 248) }
```

## Border

The CSS property to change the border of an element to RGB 240, 250, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

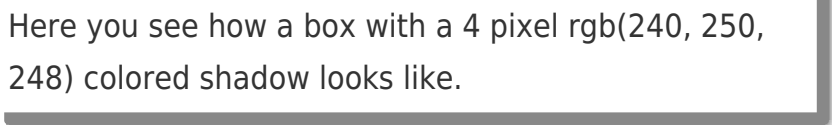
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 250, 248) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 250, 248) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(240, 250, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 250, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 250, 248);  
box-shadow:4px 4px 4px 4px rgb(240, 250,  
248) }
```

# Background

The CSS property to change the background color of an element to RGB 240, 250, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 250, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
250, 248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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