

# Converting Colors

RGB(250, 254, 240)

Have a look what the booklet for  
RGB(250, 254, 240) contains.

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# **Color**

**RGB(250, 254, 240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAFEF0
RGB	250, 254, 240
RGB Percent	98%, 100%, 94%
CMY	0.0196, 0.0039, 0.0588
CMYK	0.02, 0.00, 0.06, 0.00
HSL	77°, 88%, 97%
HSV	77°, 6%, 100%
XYZ	90.5943, 97.4989, 96.4824
YIQ	251.2080, 2.1100, -5.2020

# Conversions

## Conversions Part 2

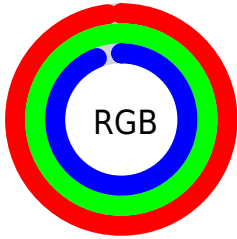
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 254, 244
Decimal	16449264
CIE <sub>Lab</sub>	99.02, -3.73, 6.22
CIE <sub>LCh</sub>	99, 7.252, 120.949
Yxy	97.4989, 0.3183, 0.3426
Android (android.graphics.Color)	4294639344 (0xFFFAFEF0)
YUV	251.2080, -5.5255, -1.0594
Hunter-Lab	98.7415, -9.0258, 11.1856

# Details

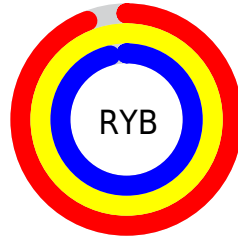
The RGB color 250, 254, 240 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 244, 240, 254, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 194, 197, 184 is the 20% darker color. If you saturate the color by 10%, you get 243, 254, 215, and if you desaturate by 10%, it is 255, 254, 255.

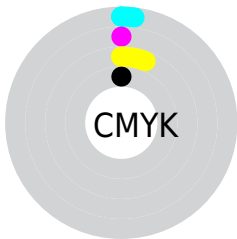
# Distribution



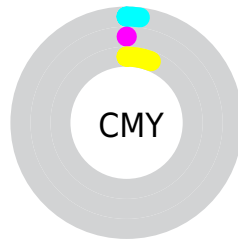
- Red (98%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 250, 254, 240 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 250, 254, 240 by changing the saturation by 10% instead.





 250, 254, 240


255, 255, 255


 250, 254, 240


 221, 225, 212

 194, 197, 184

 166, 170, 157

 140, 144, 131

 114, 118, 106

 90, 93, 82

 67, 70, 59

 44, 48, 37

 24, 27, 16

 250, 254, 240

 250, 254, 240

 243, 254, 215

255, 254, 255

 235, 254, 189


 228, 254, 164


 221, 254, 138

 214, 254, 113

 206, 254, 88

 199, 254, 62

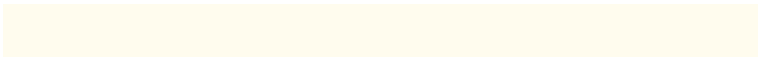
 192, 254, 37

 185, 254, 11

# Harmonies

## Analogous

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



255, 252, 238



250, 254, 240



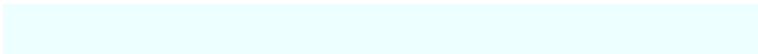
242, 255, 245

# Triad

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



250, 254, 240



238, 255, 255



255, 248, 252

# Complementary

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



250, 254, 240



244, 240, 254

# Split Complementary

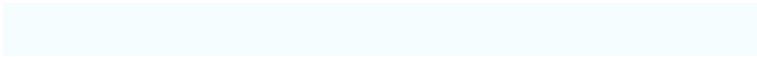
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 248, 255



250, 254, 240



245, 253, 255

# Square

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



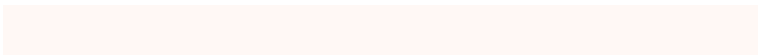
250, 254, 240



235, 255, 255



254, 250, 255



255, 248, 245

# Rectangle

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



250, 254, 240



238, 255, 250



254, 250, 255



255, 248, 255



# Sweetspot

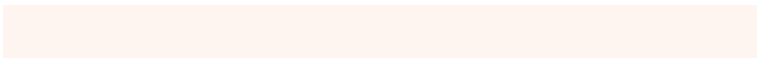
The Sweet Spot groups the original color and five complimentary colors.



250, 254, 240



254, 255, 250



254, 244, 240



127, 128, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



250, 254, 240



250, 255, 237



243, 254, 240



125, 128, 117



137, 191, 0



46, 64, 0



# Inverse Universe

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



244, 240, 254



242, 237, 255



251, 240, 254



120, 117, 128



55, 0, 191

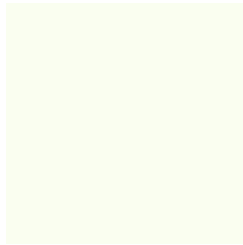


18, 0, 64



# Previews

## White Background



This preview shows how the RGB color 250, 254, 240 looks on a white background.

## Color Contrast Check

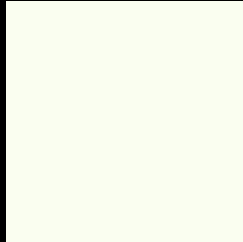
Large Text (above 18pt) WCAG AA × Fail

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 250, 254, 240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

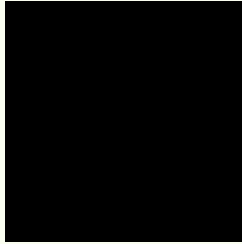
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 250, 254, 240 Background



This preview shows how black text looks on a background with the RGB color 250, 254, 240.

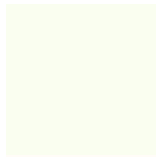


This preview shows how white text looks on a background with the RGB color 250, 254, 240.

# 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**  
250, 254, 240



**Protanopia**  
255, 252, 247

**Deuteranopia**  
255, 251, 251

# Tritanopia

253, 252, 255

# Trichromacy



**Original Color**

250, 254, 240

**Protanomaly**

253, 253, 244

**Deuteranomaly**

253, 252, 247

**Tritanomaly**

252, 253, 250

# Monochromacy



**Original Color**

250, 254, 240



**Achromatopsia**

251, 251, 251

**Achromatomaly**

251, 252, 247

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 250, 254, 240 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(250, 254, 240)` looks like.

```
.text, #text, p{  
    color:rgb(250, 254, 240)  
}
```

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(250, 254, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 254, 240) }
```

## Border

The CSS property to change the border of an element to RGB 250, 254, 240 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(250, 254, 240) }
```

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

```
.border{ border-color:rgb(250, 254, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 254, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 254, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 254, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 254,  
240) }
```

# Background

The CSS property to change the background color of an element to RGB 250, 254, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 254, 240) }
```

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

```
.background{ background-color: rgb(250,  
254, 240) }
```

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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