

Converting Colors

RGB(240, 252, 242)

Have a look what the booklet for
RGB(240, 252, 242) contains.

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Color

RGB(240, 252, 242)

Conversions

Conversions Part 1

Format	Color
Hex	F0FCF2
RGB	240, 252, 242
RGB Percent	94%, 99%, 95%
CMY	0.0588, 0.0118, 0.0510
CMYK	0.05, 0.00, 0.04, 0.01
HSL	130°, 67%, 96%
HSV	130°, 5%, 99%
XYZ	86.7726, 94.5569, 97.6823
YIQ	247.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

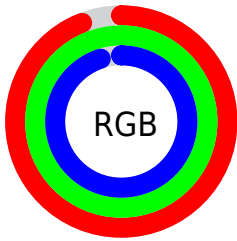
Format	Color
R _Y B	240, 250, 252
Decimal	15793394
CIE _{Lab}	97.86, -5.71, 3.41
CIE _{LCh}	98, 6.651, 149.149
Y _{xy}	94.5569, 0.3110, 0.3389
Android (android.graphics.Color)	4293983474 (0xFFFF0FCF2)
Y _{UV}	247.2720, -2.5991, -6.3775
Hunter-Lab	97.2404, -10.8859, 8.5088

Details

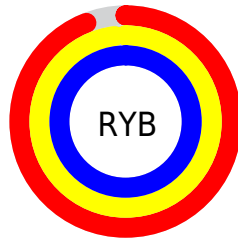
The RGB color **240, 252, 242** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **252, 240, 250**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 195, 186** is the 20% darker color. If you saturate the color by 10%, you get **215, 252, 221**, and if you desaturate by 10%, it is **255, 252, 255**.

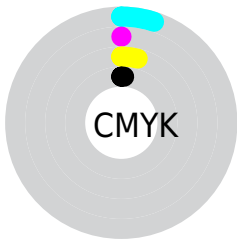
Distribution



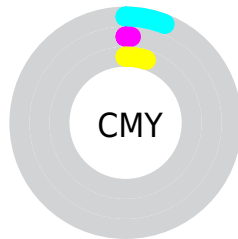
- Red (94%)
- Green (99%)
- Blue (95%)



- Red (94%)
- Yellow (98%)
- Blue (99%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



- Cyan (6%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 252, 242 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, 252, 242 by changing the saturation by 10% instead.

 240, 252, 242


255, 255, 255

 240, 252, 242

 212, 223, 214

 184, 195, 186

 157, 168, 159

 131, 142, 133

 106, 116, 108

 82, 92, 83

 59, 68, 60

 37, 46, 39

 16, 25, 18

 240, 252, 242

 240, 252, 242

 215, 252, 221

 255, 252, 255

 190, 252, 200

 164, 252, 179

 139, 252, 158

 114, 252, 137

 89, 252, 116

 64, 252, 95

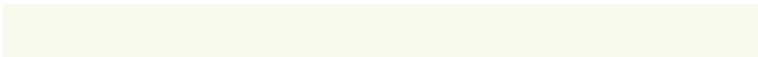
 38, 252, 74

 13, 252, 53

Harmonies

Analogous

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



247, 250, 237



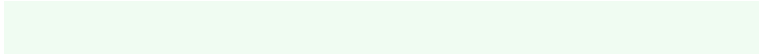
240, 252, 242



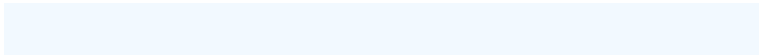
235, 253, 248

Triad

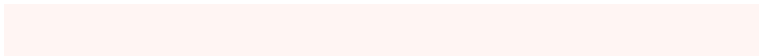
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 252, 242



242, 249, 255



255, 245, 243

Complementary

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



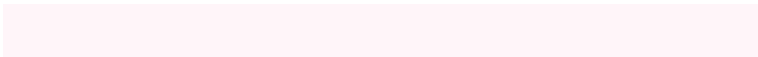
240, 252, 242



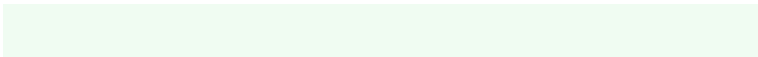
252, 240, 250

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, 245, 249



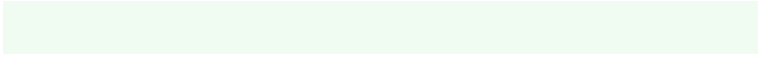
240, 252, 242



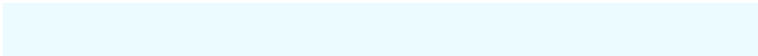
250, 247, 255

Square

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



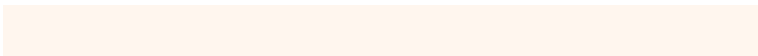
240, 252, 242



236, 251, 255



255, 245, 255



255, 246, 238

Rectangle

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



240, 252, 242



233, 253, 253



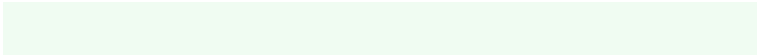
255, 245, 255



255, 245, 245

Sweetspot

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



240, 252, 242



252, 255, 253



250, 252, 240



126, 128, 126



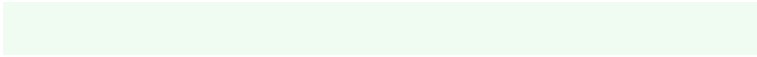
0, 0, 0



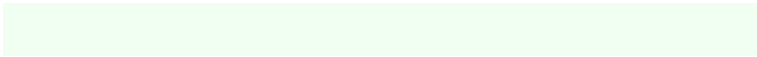
128, 128, 128

Same Dimension

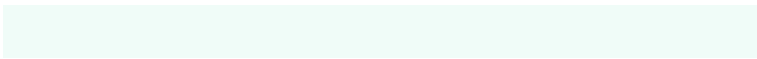
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 252, 242



240, 255, 242



240, 252, 248



116, 125, 118



0, 189, 31



0, 61, 10

Inverse Universe

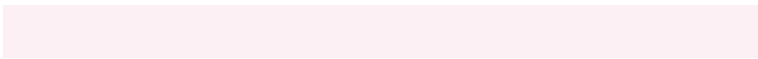
The Inverse Universe completely reimagines the original color for something new.



252, 240, 250



255, 240, 252



252, 240, 244



125, 116, 123



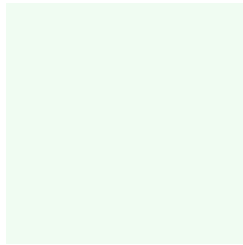
189, 0, 157



61, 0, 51

Previews

White Background



This preview shows how the RGB color 240, 252, 242 looks on a white background.

Color Contrast Check

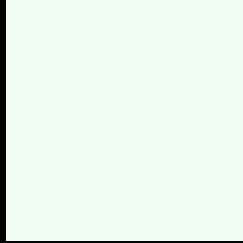
Large Text (above 18pt) WCAG AA × Fail

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, 252, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

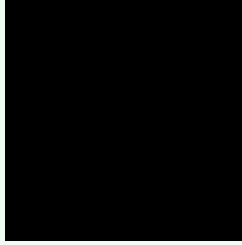
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

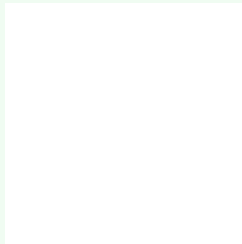
Any Text WCAG AAA ✓ Pass

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

RGB 240, 252, 242 Background



This preview shows how black text looks on a background with the RGB color 240, 252, 242.

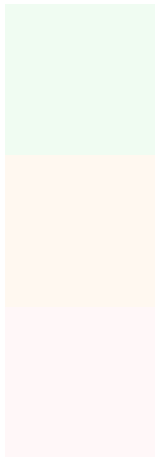


This preview shows how white text looks on a background with the RGB color 240, 252, 242.

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, 252, 242

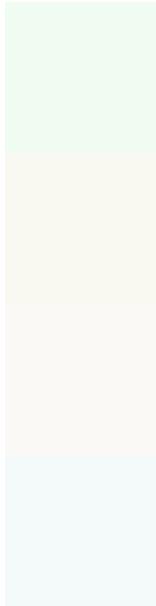
Protanopia
255, 248, 240

Deuteranopia
255, 247, 248

Tritanopia

247, 249, 255

Trichromacy



Original Color

240, 252, 242

Protanomaly

250, 249, 241

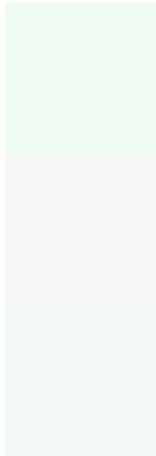
Deuteranomaly

250, 249, 246

Tritanomaly

244, 250, 250

Monochromacy



Original Color

240, 252, 242

Achromatopsia

247, 247, 247

Achromatomaly

244, 249, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 252, 242 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, 252, 242) looks like.

```
.text, #text, p{  
    color:rgb(240, 252, 242)  
}
```

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, 252, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 252, 242) }
```

Border

The CSS property to change the border of an element to RGB 240, 252, 242 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, 252, 242) }
```

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

```
.border{ border-color:rgb(240, 252, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 252, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 252, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 252, 242);  
box-shadow:4px 4px 4px 4px rgb(240, 252,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 240, 252, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 252, 242) }
```

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

```
.background{ background-color: rgb(240,  
252, 242) }
```

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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