

# Converting Colors

RGB(245, 240, 246)

Have a look what the booklet for  
RGB(245, 240, 246) contains.

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# **Color**

**RGB(245, 240, 246)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5F0F6
RGB	245, 240, 246
RGB Percent	96%, 94%, 96%
CMY	0.0392, 0.0588, 0.0353
CMYK	0.00, 0.02, 0.00, 0.04
HSL	290°, 25%, 95%
HSV	290°, 2%, 96%
XYZ	85.4508, 88.3865, 99.7453
YIQ	242.1790, 1.0540, 2.9260

# Conversions

## Conversions Part 2

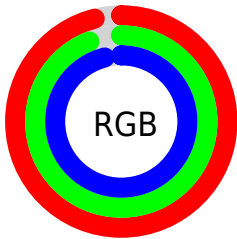
Format	Color
<a href="#">RYB</a>	<a href="#">245, 240, 246</a>
Decimal	<a href="#">16118006</a>
CIELab	<a href="#">95.32, 2.73, -2.30</a>
CIElCh	<a href="#">95, 3.572, 319.839</a>
Yxy	<a href="#">88.3865, 0.3123, 0.3231</a>
Android (android.graphics.Color)	<a href="#">4294308086 (0xFFFF5F0F6)</a>
YUV	<a href="#">242.1790, 1.8838, 2.4740</a>
Hunter-Lab	<a href="#">94.0141, -2.2833, 2.9054</a>

# Details

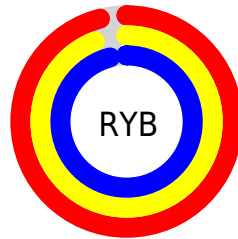
The RGB color 245, 240, 246 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 241, 246, 240, and the grayscale version is 242, 242, 242.

A 20% lighter version of the original color is 255, 255, 255, and 189, 184, 190 is the 20% darker color. If you saturate the color by 10%, you get 241, 215, 246, and if you desaturate by 10%, it is 249, 255, 246.

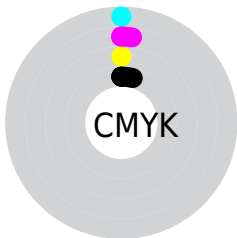
# Distribution



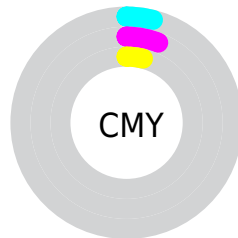
- Red (96%)
- Green (94%)
- Blue (96%)



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



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



- Cyan (4%)
- Magenta (6%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 245, 240, 246 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 245, 240, 246 by changing the saturation by 10% instead.



245, 240, 246

245, 240, 246

255, 255, 255

217, 212, 218

189, 184, 190

162, 157, 163

136, 131, 136

110, 106, 111

86, 82, 87


63, 59, 64

41, 37, 42


21, 16, 21

 245, 240, 246

 245, 240, 246

 241, 215, 246

 249, 255, 246

 237, 191, 246


 253, 255, 246

 233, 166, 246

 255, 255, 246


 229, 142, 246

 225, 117, 246

 220, 92, 246

 216, 68, 246

 212, 43, 246

 208, 19, 246

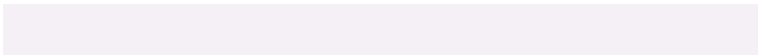
# Harmonies

## Analogous

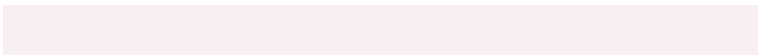
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 241, 248



245, 240, 246



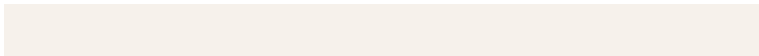
248, 239, 243

# Triad

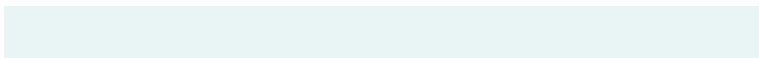
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 240, 246



246, 241, 235



233, 244, 244

# Complementary

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



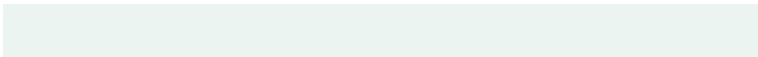
245, 240, 246



241, 246, 240

# 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.



235, 244, 240



245, 240, 246



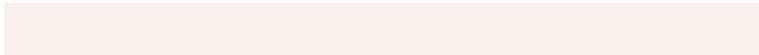
242, 242, 235

# Square

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



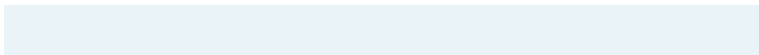
245, 240, 246



249, 240, 236



238, 243, 237



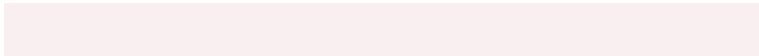
234, 243, 247

# Rectangle

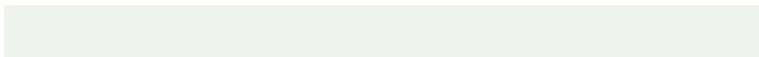
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



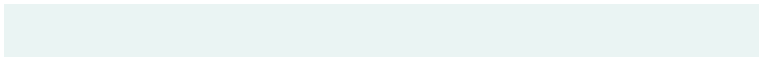
245, 240, 246



249, 239, 240



238, 243, 237



234, 244, 243



# Sweetspot

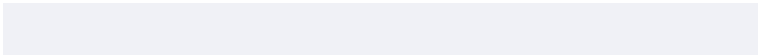
The Sweet Spot groups the original color and five complimentary colors.



245, 240, 246



255, 252, 255



240, 241, 246



127, 126, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



245, 240, 246



254, 247, 255



246, 240, 244



122, 118, 122



155, 0, 186

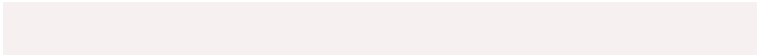


49, 0, 59

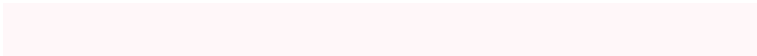


# Inverse Universe

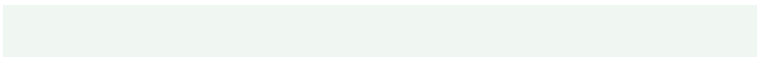
The Inverse Universe completely reimagines the original color for something new.



246, 240, 241



255, 247, 249



240, 246, 242



122, 118, 118



186, 0, 31

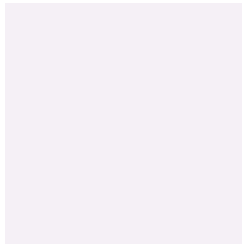


59, 0, 10



# Previews

## White Background



This preview shows how the RGB color 245, 240, 246 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 245, 240, 246 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

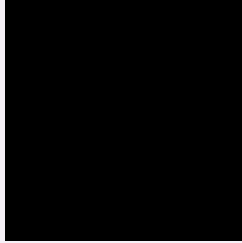
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

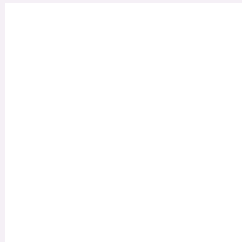
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 245, 240, 246 Background



This preview shows how black text looks on a background with the RGB color 245, 240, 246.

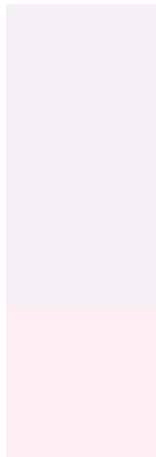


This preview shows how white text looks on a background with the RGB color 245, 240, 246.

# 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**  
245, 240, 246

**Protanopia**  
244, 240, 246

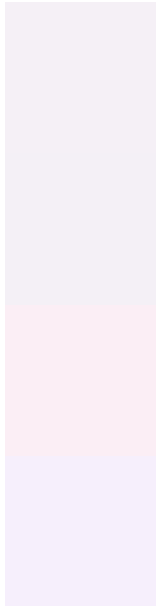
**Deuteranopia**  
255, 237, 245



# Tritanopia

246, 239, 255

# Trichromacy



## Original Color

245, 240, 246

## Protanomaly

244, 240, 246

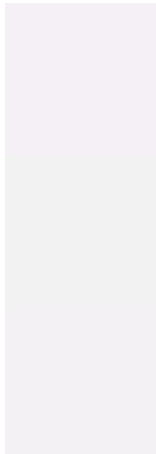
## Deuteranomaly

251, 238, 245

## Tritanomaly

246, 239, 252

# Monochromacy



## Original Color

245, 240, 246

## Achromatopsia

242, 242, 242

## Achromatomaly

243, 241, 243

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 245, 240, 246 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(245, 240, 246) looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 246)  
}
```

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(245, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 246) }
```

## Border

The CSS property to change the border of an element to RGB 245, 240, 246 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(245, 240, 246) }
```

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

```
.border{ border-color:rgb(245, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
246) }
```

# Background

The CSS property to change the background color of an element to RGB 245, 240, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 240, 246) }
```

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

```
.background{ background-color: rgb(245,  
240, 246) }
```

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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