

# Converting Colors

RGB(250, 245, 247)

Have a look what the booklet for  
RGB(250, 245, 247) contains.

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# **Color**

**RGB(250, 245, 247)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAF5F7
RGB	250, 245, 247
RGB Percent	98%, 96%, 97%
CMY	0.0196, 0.0392, 0.0314
CMYK	0.00, 0.02, 0.01, 0.02
HSL	336°, 33%, 97%
HSV	336°, 2%, 98%
XYZ	88.8652, 92.3442, 101.1362
YIQ	246.7230, 2.3380, 1.6820

# Conversions

## Conversions Part 2

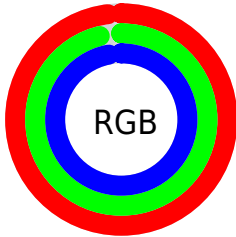
Format	Color
R <sub>Y</sub> B	250, 245, 247
Decimal	16446967
CIE Lab	96.96, 2.02, -0.38
CIE LCh	97, 2.052, 349.337
Yxy	92.3442, 0.3147, 0.3271
Android (android.graphics.Color)	4294637047 (0xFFFAF5F7)
YUV	246.7230, 0.1366, 2.8739
Hunter-Lab	96.0959, -3.0989, 4.8673

# Details

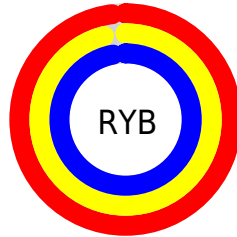
The RGB color 250, 245, 247 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245, 250, 248, and the grayscale version is 247, 247, 247.

A 20% lighter version of the original color is 255, 255, 255, and 194, 189, 191 is the 20% darker color. If you saturate the color by 10%, you get 250, 220, 232, and if you desaturate by 10%, it is 250, 255, 255.

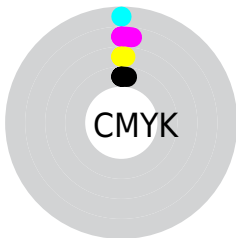
# Distribution



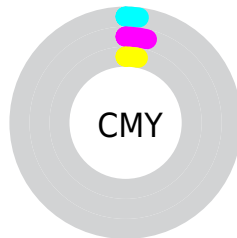
- Red (98%)
- Green (96%)
- Blue (97%)



- Red (98%)
- Yellow (96%)
- Blue (97%)



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



- Cyan (2%)
- Magenta (4%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 250, 245, 247 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, 245, 247 by changing the saturation by 10% instead.




 250, 245, 247

255, 255, 255

 250, 245, 247

 221, 217, 219

 194, 189, 191

 166, 162, 164

 140, 136, 137

 115, 110, 112

 90, 86, 88

 67, 63, 64

 45, 41, 42


 24, 20, 22


 250, 245, 247


 250, 245, 247


 250, 220, 232


 250, 255, 255


 250, 195, 217


 250, 170, 202


 250, 145, 187

 250, 120, 172

 250, 95, 157

 250, 70, 142

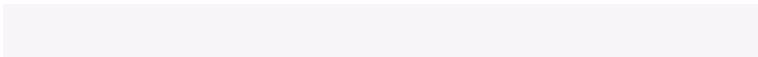
 250, 45, 127

 250, 20, 112

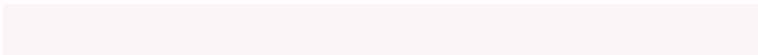
# Harmonies

## Analogous

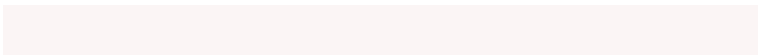
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 245, 249



250, 245, 247



251, 245, 245

# Triad

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



250, 245, 247



247, 246, 242



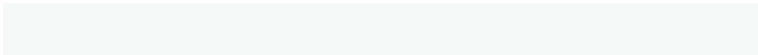
242, 247, 249

# Complementary

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



250, 245, 247



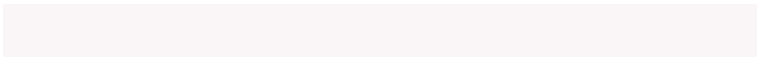
245, 250, 248

# Split Complementary

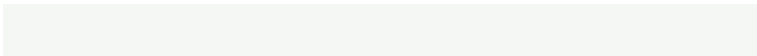
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 247, 247



250, 245, 247



244, 247, 244

# Square

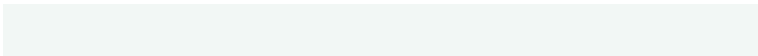
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250, 245, 247



249, 246, 242



242, 247, 245



244, 247, 250

# Rectangle

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



250, 245, 247



251, 245, 244



242, 247, 245

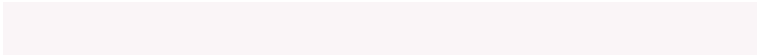


242, 247, 249



# Sweetspot

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



250, 245, 247



255, 252, 253



248, 245, 250



128, 126, 127



0, 0, 0



128, 128, 128

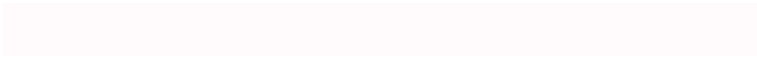


# Same Dimension

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



250, 245, 247



255, 250, 252



250, 246, 245



125, 122, 123



189, 0, 75



61, 0, 24



# Inverse Universe

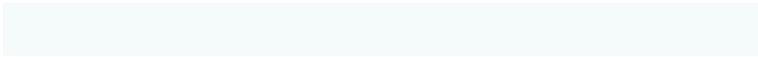
The Inverse Universe completely reimagines the original color for something new.



250, 245, 247



255, 250, 252



245, 250, 250



125, 122, 123



189, 0, 75

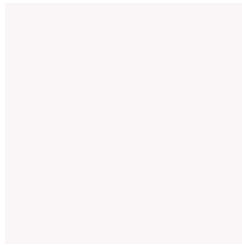


61, 0, 24



# Previews

## White Background



This preview shows how the RGB color 250, 245, 247 looks on a white background.

## Color Contrast Check

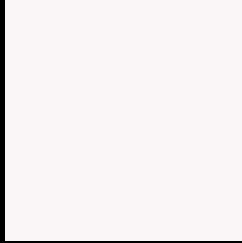
Large Text (above 18pt) WCAG AA × Fail

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, 245, 247 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

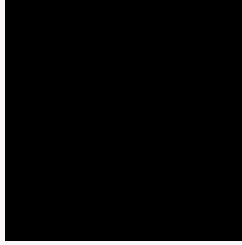
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

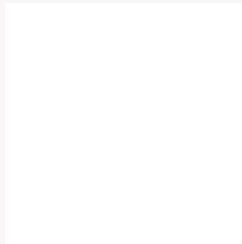
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 250, 245, 247 Background



This preview shows how black text looks on a background with the RGB color 250, 245, 247.

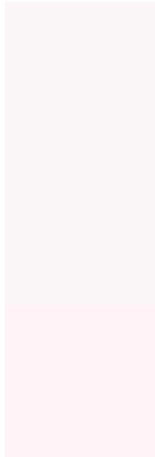


This preview shows how white text looks on a background with the RGB color 250, 245, 247.

# 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, 245, 247

**Protanopia**  
250, 245, 247

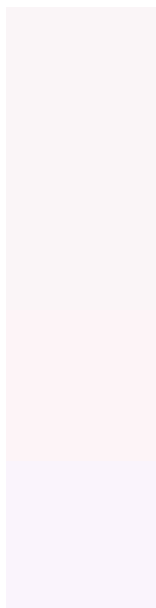
**Deuteranopia**  
255, 243, 247



# Tritanopia

250, 244, 255

# Trichromacy



## Original Color

250, 245, 247

## Protanomaly

250, 245, 247

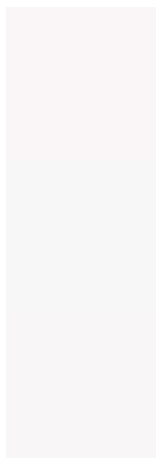
## Deuteranomaly

253, 244, 247

## Tritanomaly

250, 244, 252

# Monochromacy



## Original Color

250, 245, 247

## Achromatopsia

247, 247, 247

## Achromatomaly

248, 246, 247

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 250, 245, 247 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, 245, 247) looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 247)  
}
```

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, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 247) }
```

## Border

The CSS property to change the border of an element to RGB 250, 245, 247 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, 245, 247) }
```

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

```
.border{ border-color:rgb(250, 245, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 245, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
247) }
```

# Background

The CSS property to change the background color of an element to RGB 250, 245, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 247) }
```

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

```
.background{ background-color: rgb(250,  
245, 247) }
```

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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