

# Converting Colors

RGB(247, 248, 243)

Have a look what the booklet for  
RGB(247, 248, 243) contains.

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# **Color**

**RGB(247, 248, 243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7F8F3
RGB	247, 248, 243
RGB Percent	97%, 97%, 95%
CMY	0.0314, 0.0275, 0.0471
CMYK	0.00, 0.00, 0.02, 0.03
HSL	72°, 26%, 96%
HSV	72°, 2%, 97%
XYZ	88.1028, 93.3800, 98.1746
YIQ	247.1310, 1.0090, -1.7670

# Conversions

## Conversions Part 2

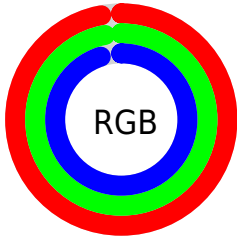
Format	Color
<a href="#">RYB</a>	<a href="#">243, 248, 244</a>
Decimal	<a href="#">16251123</a>
CIELab	<a href="#">97.38, -1.20, 2.27</a>
CIElCh	<a href="#">97, 2.567, 117.863</a>
Yxy	<a href="#">93.3800, 0.3150, 0.3339</a>
Android (android.graphics.Color)	<a href="#">4294441203</a> ( <a href="#">0xFFFF7F8F3</a> )
YUV	<a href="#">247.1310, -2.0366, -0.1149</a>
Hunter-Lab	<a href="#">96.6333, -6.3658, 7.4077</a>

# Details

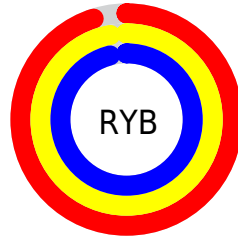
The RGB color 247, 248, 243 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 244, 243, 248, and the grayscale version is 247, 247, 247.

A 20% lighter version of the original color is 255, 255, 255, and 191, 192, 187 is the 20% darker color. If you saturate the color by 10%, you get 242, 248, 218, and if you desaturate by 10%, it is 252, 248, 255.

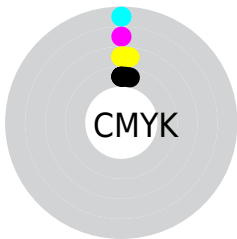
# Distribution



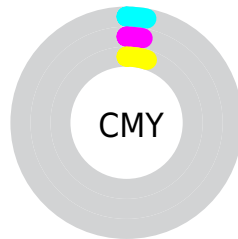
- Red (97%)
- Green (97%)
- Blue (95%)



- Red (95%)
- Yellow (97%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 247, 248, 243 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 247, 248, 243 by changing the saturation by 10% instead.





 247, 248, 243

255, 255, 255

 247, 248, 243

 219, 219, 215

 191, 192, 187

 164, 165, 160

 137, 138, 134

 112, 113, 109

 88, 88, 84

 64, 65, 61

 42, 43, 39

 22, 23, 19

 247, 248, 243

 247, 248, 243

 242, 248, 218

 252, 248, 255

 237, 248, 193

 255, 248, 255

 232, 248, 169

 227, 248, 144

 222, 248, 119

 217, 248, 94

 212, 248, 69

 207, 248, 45

 202, 248, 20

# Harmonies

## Analogous

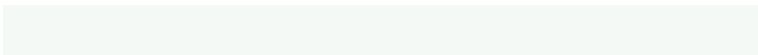
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



250, 247, 242



247, 248, 243



244, 249, 245

# Triad

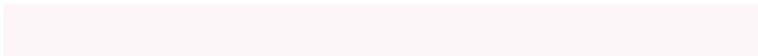
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247, 248, 243



243, 248, 252



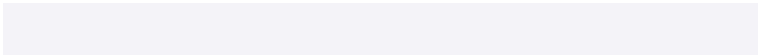
253, 246, 248

# Complementary

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



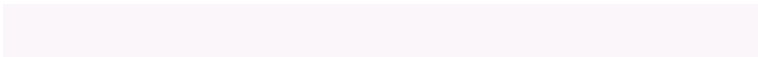
247, 248, 243



244, 243, 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.



251, 246, 250



247, 248, 243



245, 248, 252

# Square

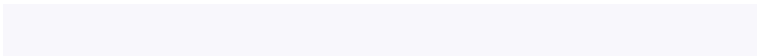
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



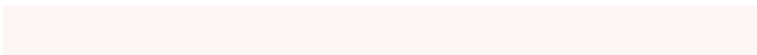
247, 248, 243



242, 249, 250



248, 247, 252



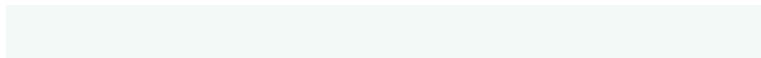
253, 246, 245

# Rectangle

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



247, 248, 243



243, 249, 246



248, 247, 252



252, 246, 249



# Sweetspot

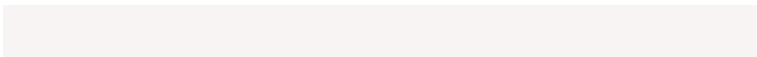
The Sweet Spot groups the original color and five complimentary colors.



247, 248, 243



254, 255, 252



248, 244, 243



127, 128, 126



0, 0, 0



128, 128, 128



# Same Dimension

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



247, 248, 243



254, 255, 250



245, 248, 243



124, 125, 122



151, 189, 0



49, 61, 0



# Inverse Universe

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



244, 243, 248



251, 250, 255



246, 243, 248



123, 122, 125



38, 0, 189

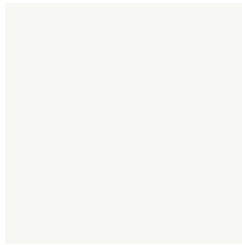


12, 0, 61



# Previews

## White Background



This preview shows how the RGB color 247, 248, 243 looks on a white background.

## Color Contrast Check

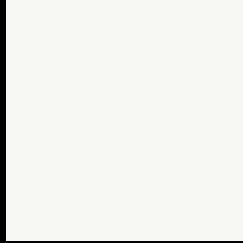
Large Text (above 18pt) WCAG AA × Fail

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 247, 248, 243 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

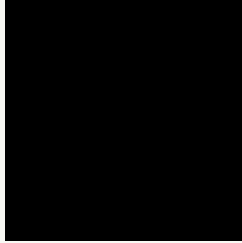
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

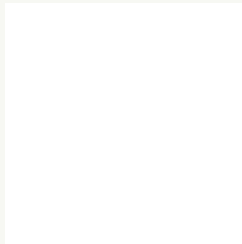
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 247, 248, 243 Background



This preview shows how black text looks on a background with the RGB color 247, 248, 243.

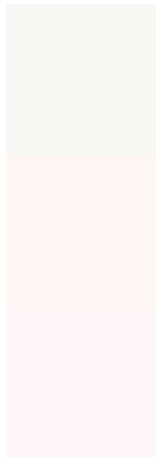


This preview shows how white text looks on a background with the RGB color 247, 248, 243.

# 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**  
[247](#), [248](#), [243](#)

**Protanopia**  
[253](#), [246](#), [242](#)

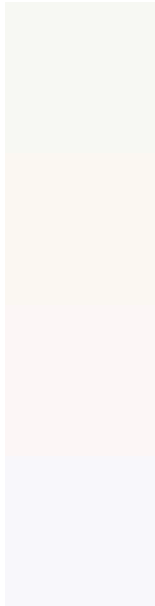
**Deuteranopia**  
[255](#), [245](#), [247](#)



# Tritanopia

249, 246, 255

# Trichromacy



## Original Color

247, 248, 243

## Protanomaly

251, 247, 242

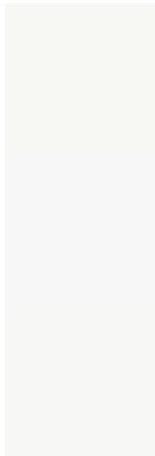
## Deuteranomaly

252, 246, 246

## Tritanomaly

248, 247, 251

# Monochromacy



## Original Color

247, 248, 243

## Achromatopsia

247, 247, 247

## Achromatomaly

247, 247, 246

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 247, 248, 243 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(247, 248, 243) looks like.

```
.text, #text, p{  
    color:rgb(247, 248, 243)  
}
```

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(247, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 248, 243) }
```

## Border

The CSS property to change the border of an element to RGB 247, 248, 243 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(247, 248, 243) }
```

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

```
.border{ border-color:rgb(247, 248, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 248, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 248, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 248, 243);  
box-shadow:4px 4px 4px 4px rgb(247, 248,  
243) }
```

# Background

The CSS property to change the background color of an element to RGB 247, 248, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 248, 243) }
```

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

```
.background{ background-color: rgb(247,  
248, 243) }
```

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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