

# Converting Colors

RGB(246, 247, 244)

Have a look what the booklet for  
RGB(246, 247, 244) contains.

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# **Color**

**RGB(246, 247, 244)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6F7F4
RGB	246, 247, 244
RGB Percent	96%, 97%, 96%
CMY	0.0353, 0.0314, 0.0431
CMYK	0.00, 0.00, 0.01, 0.03
HSL	80°, 16%, 96%
HSV	80°, 1%, 97%
XYZ	87.5959, 92.6460, 98.8536
YIQ	246.3590, 0.3670, -1.1450

# Conversions

## Conversions Part 2

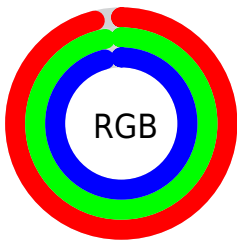
Format	Color
R <sub>YB</sub>	244, 247, 245
Decimal	16185332
CIE Lab	97.08, -0.85, 1.31
CIE LCh	97, 1.564, 123.028
Yxy	92.6460, 0.3139, 0.3320
Android (android.graphics.Color)	4294375412 (0xFF6F7F4)
YUV	246.3590, -1.1630, -0.3148
Hunter-Lab	96.2528, -5.9965, 6.4849

# Details

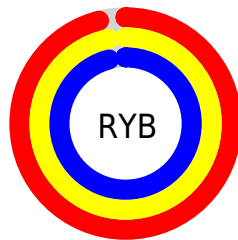
The RGB color 246, 247, 244 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245, 244, 247, and the grayscale version is 246, 246, 246.

A 20% lighter version of the original color is 255, 255, 255, and 190, 191, 188 is the 20% darker color. If you saturate the color by 10%, you get 238, 247, 219, and if you desaturate by 10%, it is 254, 247, 255.

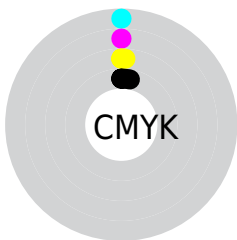
# Distribution



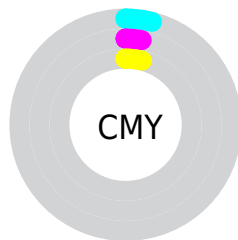
- Red (96%)
- Green (97%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



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

# Brightness & Saturation Gradients

These gradients show how the RGB color 246, 247, 244 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 246, 247, 244 by changing the saturation by 10% instead.



 246, 247, 244

255, 255, 255

 246, 247, 244

 218, 219, 216

 190, 191, 188

 163, 164, 161


 136, 137, 135

 111, 112, 109

 87, 88, 85

 64, 64, 62

 42, 42, 40

 21, 22, 20

 246, 247, 244

 246, 247, 244

 238, 247, 219

 254, 247, 255

 230, 247, 195


 255, 247, 255


 221, 247, 170

 213, 247, 145

 205, 247, 121

 197, 247, 96

 188, 247, 71

 180, 247, 46

 172, 247, 22

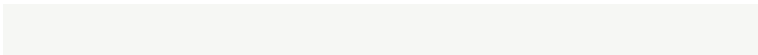
# Harmonies

## Analogous

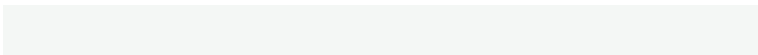
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 247, 244



246, 247, 244



244, 247, 245

# Triad

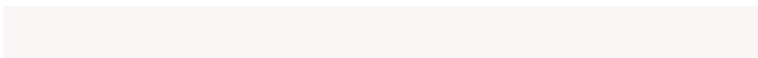
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246, 247, 244



244, 247, 249



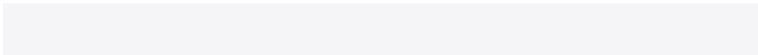
250, 246, 246

# Complementary

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



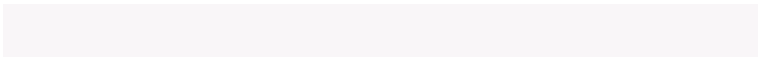
246, 247, 244



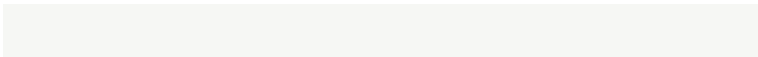
245, 244, 247

# 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.



249, 246, 248



246, 247, 244



245, 247, 250

# Square

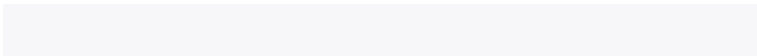
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



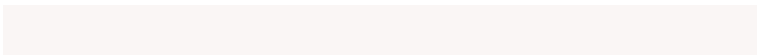
246, 247, 244



243, 247, 248



247, 246, 249



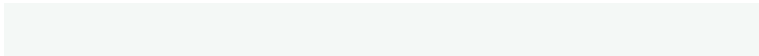
250, 246, 245

# Rectangle

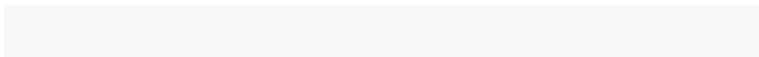
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



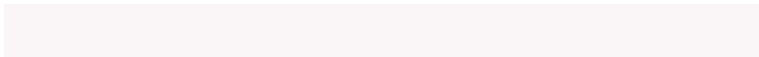
246, 247, 244



244, 248, 246



247, 246, 249



250, 246, 247



# Sweetspot

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



246, 247, 244

255, 255, 255



247, 245, 244



128, 128, 128



0, 0, 0

# Same Dimension

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



246, 247, 244



254, 255, 252



245, 247, 244



122, 122, 121



124, 186, 0



39, 59, 0



# Inverse Universe

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



245, 244, 247



253, 252, 255



247, 244, 247



122, 121, 122



62, 0, 186

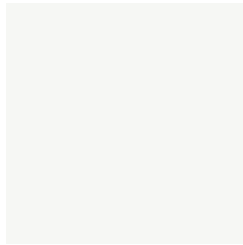


20, 0, 59



# Previews

## White Background



This preview shows how the RGB color 246, 247, 244 looks on a white background.

## Color Contrast Check

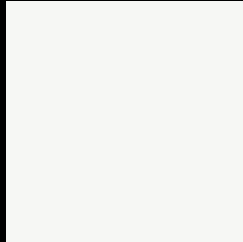
Large Text (above 18pt) WCAG AA × Fail

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 246, 247, 244 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

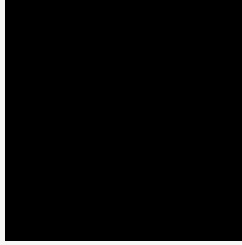
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

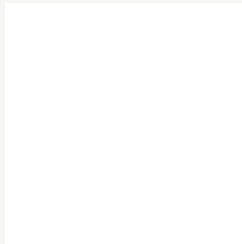
Any Text WCAG AAA ✓ Pass

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

## RGB 246, 247, 244 Background



This preview shows how black text looks on a background with the RGB color 246, 247, 244.



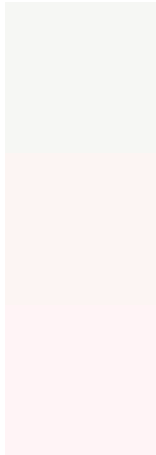
This preview shows how white text looks on a background with the RGB color 246, 247, 244.



# 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**  
246, 247, 244

**Protanopia**  
252, 245, 243

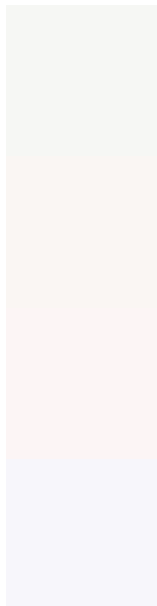
**Deuteranopia**  
255, 244, 246



# Tritanopia

248, 245, 255

# Trichromacy



## Original Color

246, 247, 244

## Protanomaly

250, 246, 243

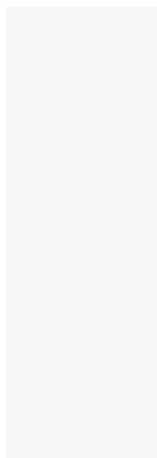
## Deuteranomaly

252, 245, 245

## Tritanomaly

247, 246, 251

# Monochromacy



## Original Color

246, 247, 244

## Achromatopsia

246, 246, 246

## Achromatomaly

246, 246, 245

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 246, 247, 244 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(246, 247, 244) looks like.

```
.text, #text, p{  
    color:rgb(246, 247, 244)  
}
```

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(246, 247, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 247, 244) }
```

## Border

The CSS property to change the border of an element to RGB 246, 247, 244 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(246, 247, 244) }
```

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

```
.border{ border-color:rgb(246, 247, 244) }
```

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

Here you see how a box with a 4 pixel rgb(246, 247, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 247, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 247, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 247,  
244) }
```

# Background

The CSS property to change the background color of an element to RGB 246, 247, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 247, 244) }
```

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

```
.background{ background-color: rgb(246,  
247, 244) }
```

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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