

# Converting Colors

RGB(248, 246, 238)

Have a look what the booklet for  
RGB(248, 246, 238) contains.

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# **Color**

**RGB(248, 246, 238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8F6EE
RGB	248, 246, 238
RGB Percent	97%, 96%, 93%
CMY	0.0275, 0.0353, 0.0667
CMYK	0.00, 0.01, 0.04, 0.03
HSL	48°, 42%, 95%
HSV	48°, 4%, 97%
XYZ	87.0998, 92.0410, 94.0640
YIQ	245.6860, 3.7600, -2.0640

# Conversions

## Conversions Part 2

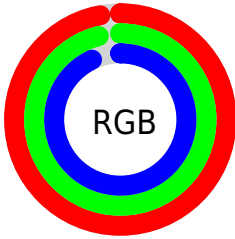
Format	Color
R <sub>Y</sub> B	241, 248, 238
Decimal	16316142
CIE Lab	96.84, -0.71, 4.07
CIE LCh	97, 4.127, 99.903
Yxy	92.0410, 0.3188, 0.3369
Android (android.graphics.Color)	4294506222 (0xFFFF8F6EE)
YUV	245.6860, -3.7892, 2.0294
Hunter-Lab	95.9380, -5.8358, 9.0248

# Details

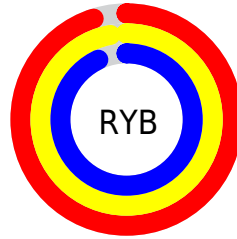
The RGB color **248, 246, 238** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **238, 240, 248**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **192, 190, 182** is the 20% darker color. If you saturate the color by 10%, you get **248, 241, 213**, and if you desaturate by 10%, it is **248, 251, 255**.

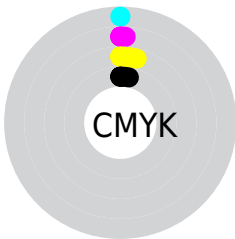
# Distribution



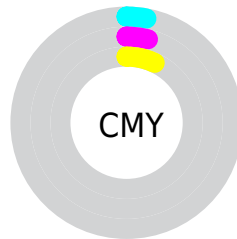
- Red (97%)
- Green (96%)
- Blue (93%)



- Red (95%)
- Yellow (97%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 248, 246, 238 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 248, 246, 238 by changing the saturation by 10% instead.




 248, 246, 238

255, 255, 255

 248, 246, 238

 219, 218, 210

 192, 190, 182

 165, 163, 155

 138, 136, 129

 113, 111, 104

 88, 87, 80

 65, 64, 57

 43, 42, 36

 23, 21, 14

 248, 246, 238

 248, 246, 238

 248, 241, 213

 248, 251, 255


 248, 236, 188


 248, 255, 255


 248, 231, 164


 248, 226, 139

 248, 221, 114

 248, 216, 89

 248, 211, 64

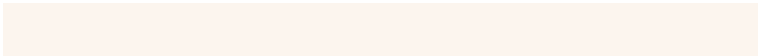
 248, 206, 40

 248, 201, 15

# Harmonies

## Analogous

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



252, 245, 238



248, 246, 238



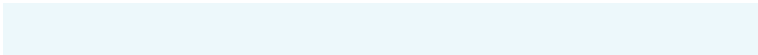
243, 247, 240

# Triad

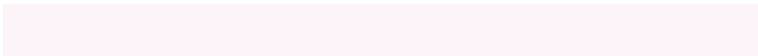
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248, 246, 238



237, 248, 251



252, 244, 249

# Complementary

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



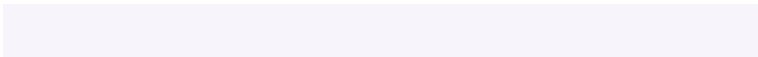
248, 246, 238



238, 240, 248

# Split Complementary

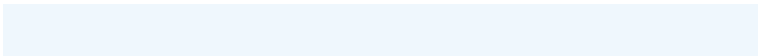
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248, 244, 252



248, 246, 238



239, 247, 253

# Square

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



248, 246, 238



237, 248, 247



244, 246, 254



255, 243, 245

# Rectangle

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



248, 246, 238



240, 248, 242



244, 246, 254



251, 244, 250



# Sweetspot

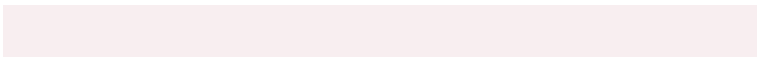
The Sweet Spot groups the original color and five complimentary colors.



248, 246, 238



255, 254, 252



248, 238, 240



128, 127, 126



0, 0, 0



128, 128, 128

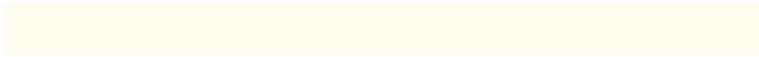


# Same Dimension

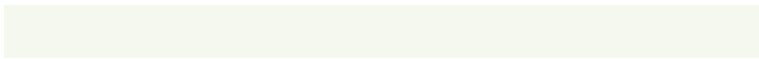
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248, 246, 238



255, 252, 242



245, 248, 238



125, 123, 117



189, 151, 0



61, 49, 0



# Inverse Universe

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



238, 240, 248



242, 245, 255



241, 238, 248



117, 119, 125



0, 38, 189

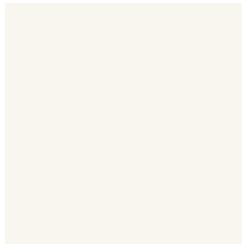


0, 12, 61



# Previews

## White Background



This preview shows how the RGB color 248, 246, 238 looks on a white background.

## Color Contrast Check

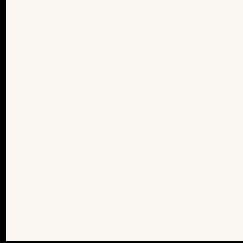
Large Text (above 18pt) WCAG AA × Fail

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 248, 246, 238 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

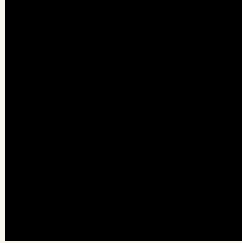
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

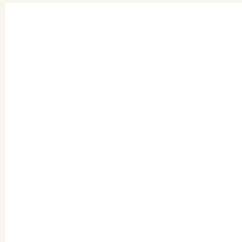
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 248, 246, 238 Background



This preview shows how black text looks on a background with the RGB color 248, 246, 238.

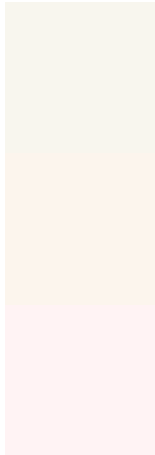


This preview shows how white text looks on a background with the RGB color 248, 246, 238.

# 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**  
248, 246, 238

**Protanopia**  
252, 245, 237

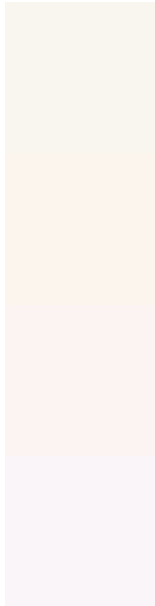
**Deuteranopia**  
255, 243, 244



# Tritanopia

249, 244, 255

# Trichromacy



## Original Color

248, 246, 238

## Protanomaly

251, 245, 237

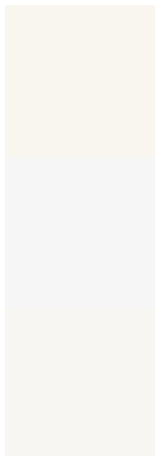
## Deuteranomaly

252, 244, 242

## Tritanomaly

249, 245, 249

# Monochromacy



## Original Color

248, 246, 238

## Achromatopsia

246, 246, 246

## Achromatomaly

247, 246, 243

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 248, 246, 238 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(248, 246, 238) looks like.

```
.text, #text, p{  
    color:rgb(248, 246, 238)  
}
```

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(248, 246, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 246, 238) }
```

## Border

The CSS property to change the border of an element to RGB 248, 246, 238 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(248, 246, 238) }
```

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

```
.border{ border-color:rgb(248, 246, 238) }
```

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

Here you see how a box with a 4 pixel rgb(248, 246, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 246, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 246, 238);  
box-shadow:4px 4px 4px 4px rgb(248, 246,  
238) }
```

# Background

The CSS property to change the background color of an element to RGB 248, 246, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 246, 238) }
```

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

```
.background{ background-color: rgb(248,  
246, 238) }
```

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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