

# Converting Colors

RGB(251, 248, 238)

Have a look what the booklet for  
RGB(251, 248, 238) contains.

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# **Color**

**RGB(251, 248, 238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF8EE
RGB	251, 248, 238
RGB Percent	98%, 97%, 93%
CMY	0.0157, 0.0275, 0.0667
CMYK	0.00, 0.01, 0.05, 0.02
HSL	46°, 62%, 96%
HSV	46°, 5%, 98%
XYZ	88.7837, 93.8171, 94.3180
YIQ	247.7570, 4.9980, -2.4740

# Conversions

## Conversions Part 2

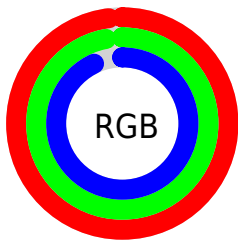
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 251, 238
Decimal	16513262
CIE Lab	97.56, -0.71, 5.14
CIE LCh	98, 5.187, 97.851
Yxy	93.8171, 0.3206, 0.3388
Android (android.graphics.Color)	4294703342 (0xFFFBF8EE)
YUV	247.7570, -4.8102, 2.8441
Hunter-Lab	96.8592, -5.8859, 10.0670

# Details

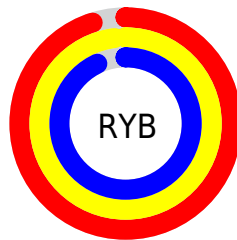
The RGB color 251, 248, 238 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 238, 241, 251, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 194, 192, 182 is the 20% darker color. If you saturate the color by 10%, you get 251, 242, 213, and if you desaturate by 10%, it is 251, 254, 255.

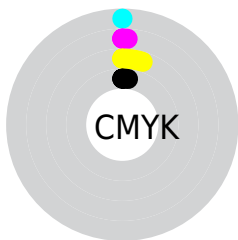
# Distribution



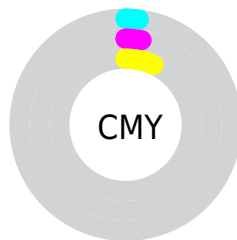
- Red (98%)
- Green (97%)
- Blue (93%)



- Red (95%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 251, 248, 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 251, 248, 238 by changing the saturation by 10% instead.




 251, 248, 238

255, 255, 255

 251, 248, 238


 222, 219, 210

 194, 192, 182

 167, 165, 155

 141, 138, 129

 115, 113, 104

 91, 88, 80


 67, 65, 57


 45, 43, 36

 25, 23, 14

 251, 248, 238

 251, 248, 238

 251, 242, 213

 251, 254, 255


 251, 236, 188


 251, 255, 255


 251, 231, 163


 251, 225, 138

 251, 219, 113

 251, 213, 87

 251, 207, 62

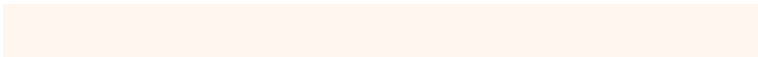
 251, 202, 37

 251, 196, 12

# Harmonies

## Analogous

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



255, 246, 239



251, 248, 238



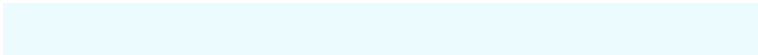
245, 250, 240

# Triad

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



251, 248, 238



236, 251, 254



255, 245, 252

# Complementary

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



251, 248, 238



238, 241, 251

# Split Complementary

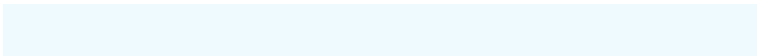
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 246, 255



251, 248, 238



239, 250, 255

# Square

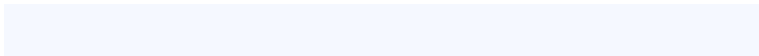
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



251, 248, 238



236, 251, 249



245, 248, 255



255, 245, 247

# Rectangle

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



251, 248, 238



241, 250, 242



245, 248, 255



254, 245, 253



# Sweetspot

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



251, 248, 238



255, 254, 250



251, 238, 241



128, 127, 125



0, 0, 0



128, 128, 128



# Same Dimension

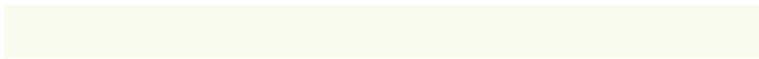
The Same Dimension uses a secret algorithm to generate beautiful new colors.



251, 248, 238



255, 251, 240



248, 251, 238



125, 123, 116



189, 145, 0



61, 47, 0



# Inverse Universe

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



238, 241, 251



240, 243, 255



241, 238, 251



116, 118, 125



0, 44, 189

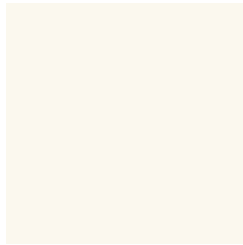


0, 14, 61



# Previews

## White Background



This preview shows how the RGB color 251, 248, 238 looks on a white background.

## Color Contrast Check

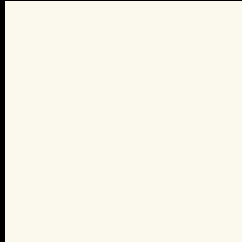
Large Text (above 18pt) WCAG AA × Fail

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 251, 248, 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 251, 248, 238 Background



This preview shows how black text looks on a background with the RGB color 251, 248, 238.

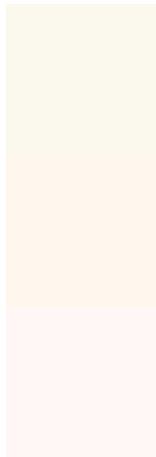


This preview shows how white text looks on a background with the RGB color 251, 248, 238.

# 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**  
251, 248, 238

**Protanopia**  
255, 247, 237

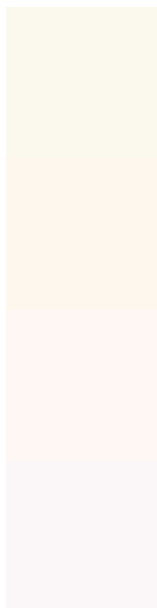
**Deuteranopia**  
255, 246, 246



# Tritanopia

251, 246, 255

# Trichromacy



## Original Color

251, 248, 238

## Protanomaly

254, 247, 237

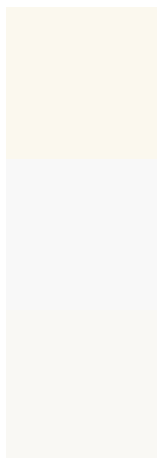
## Deuteranomaly

254, 247, 243

## Tritanomaly

251, 247, 249

# Monochromacy



## Original Color

251, 248, 238

## Achromatopsia

248, 248, 248

## Achromatomaly

249, 248, 244

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 251, 248, 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(251, 248, 238) looks like.

```
.text, #text, p{  
    color:rgb(251, 248, 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(251, 248, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 248, 238) }
```

## Border

The CSS property to change the border of an element to RGB 251, 248, 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(251, 248, 238) }
```

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

```
.border{ border-color:rgb(251, 248, 238) }
```

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

Here you see how a box with a 4 pixel rgb(251, 248, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 248, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 248, 238);  
box-shadow:4px 4px 4px 4px rgb(251, 248,  
238) }
```

# Background

The CSS property to change the background color of an element to RGB 251, 248, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 248, 238) }
```

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

```
.background{ background-color: rgb(251,  
248, 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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