

Converting Colors

RGB(249, 248, 245)

Have a look what the booklet for
RGB(249, 248, 245) contains.

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Color

RGB(249, 248, 245)

Conversions

Conversions Part 1

Format	Color
Hex	F9F8F5
RGB	249, 248, 245
RGB Percent	98%, 97%, 96%
CMY	0.0235, 0.0275, 0.0392
CMYK	0.00, 0.00, 0.02, 0.02
HSL	45°, 25%, 97%
HSV	45°, 2%, 98%
XYZ	89.1158, 93.8671, 99.8075
YIQ	247.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

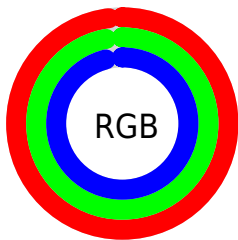
Format	Color
R _Y B	246, 249, 245
Decimal	16382197
CIE Lab	97.58, -0.19, 1.54
CIE LCh	98, 1.555, 96.902
Yxy	93.8671, 0.3151, 0.3319
Android (android.graphics.Color)	4294572277 (0xFF9F8F5)
YUV	247.9570, -1.4578, 0.9147
Hunter-Lab	96.8850, -5.3629, 6.7411

Details

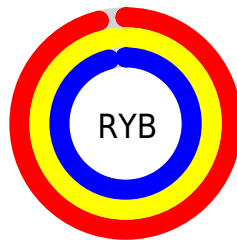
The RGB color 249, 248, 245 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245, 246, 249, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 193, 192, 189 is the 20% darker color. If you saturate the color by 10%, you get 249, 242, 220, and if you desaturate by 10%, it is 249, 254, 255.

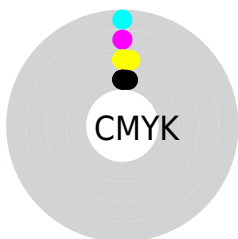
Distribution



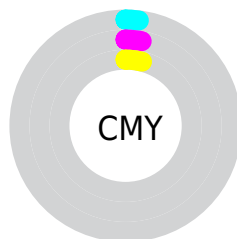
- Red (98%)
- Green (97%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 248, 245 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 249, 248, 245 by changing the saturation by 10% instead.

 249, 248, 245

255, 255, 255

 249, 248, 245

 220, 219, 217

 193, 192, 189

 165, 165, 162

 139, 138, 136

 114, 113, 110

 89, 88, 86

 66, 65, 63

 44, 43, 41

 23, 23, 21

 249, 248, 245

 249, 248, 245

 249, 242, 220

 249, 254, 255

 249, 236, 195

 249, 255, 255

 249, 229, 170


 249, 223, 145

 249, 217, 121

 249, 211, 96

 249, 204, 71

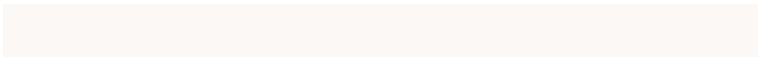
 249, 198, 46

 249, 192, 21

Harmonies

Analogous

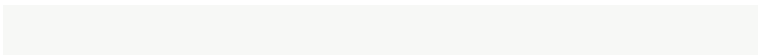
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 248, 245



249, 248, 245



247, 248, 246

Triad

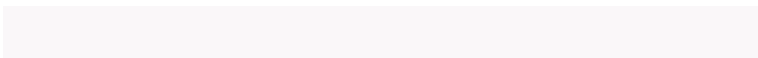
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 248, 245



245, 249, 250



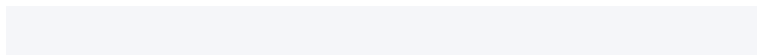
250, 247, 249

Complementary

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



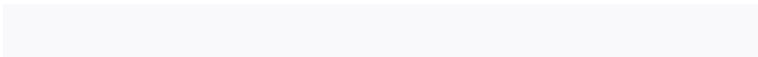
249, 248, 245



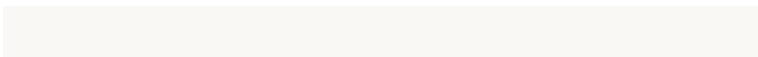
245, 246, 249

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, 248, 250



249, 248, 245



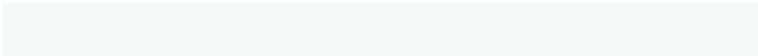
245, 248, 251

Square

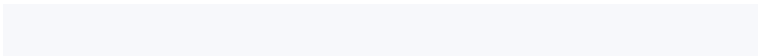
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



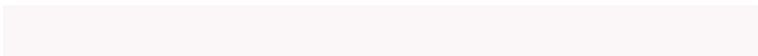
249, 248, 245



245, 249, 248



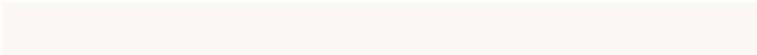
247, 248, 251



251, 247, 248

Rectangle

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



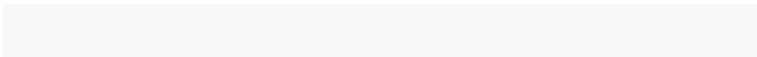
249, 248, 245



246, 249, 246



247, 248, 251



250, 247, 250

Sweetspot

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



249, 248, 245

255, 255, 255



249, 245, 246



128, 128, 128



0, 0, 0

Same Dimension

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



249, 248, 245



255, 254, 250



248, 249, 245



125, 124, 122



189, 142, 0



61, 46, 0

Inverse Universe

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



245, 246, 249



250, 251, 255



246, 245, 249



122, 123, 125



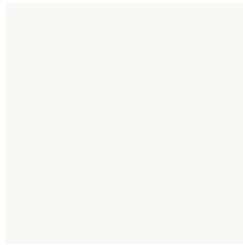
0, 47, 189



0, 15, 61

Previews

White Background



This preview shows how the RGB color 249, 248, 245 looks on a white background.

Color Contrast Check

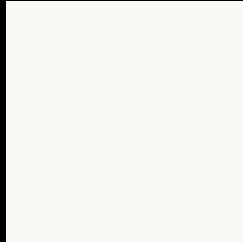
Large Text (above 18pt) WCAG AA × Fail

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 249, 248, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

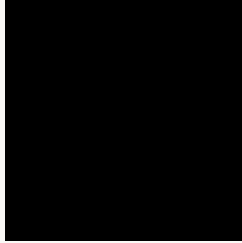
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

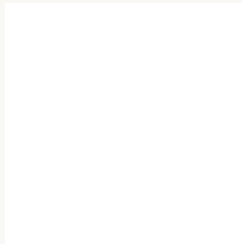
Any Text WCAG AAA ✓ Pass

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

RGB 249, 248, 245 Background



This preview shows how black text looks on a background with the RGB color 249, 248, 245.

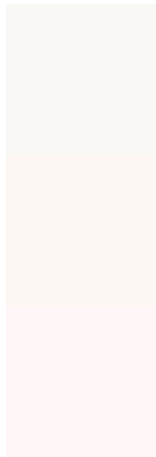


This preview shows how white text looks on a background with the RGB color 249, 248, 245.

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
[249](#), [248](#), [245](#)

Protanopia
[253](#), [247](#), [244](#)

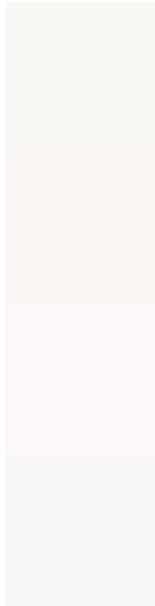
Deuteranopia
[255](#), [246](#), [248](#)



Tritanopia

250, 247, 255

Trichromacy



Original Color

249, 248, 245

Protanomaly

252, 247, 244

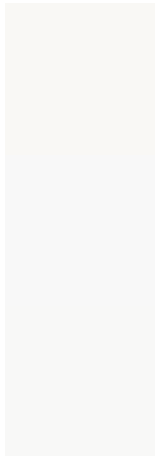
Deuteranomaly

253, 247, 247

Tritanomaly

250, 247, 251

Monochromacy



Original Color

249, 248, 245

Achromatopsia

248, 248, 248

Achromatomaly

248, 248, 247

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 248, 245 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(249, 248, 245) looks like.

```
.text, #text, p{  
    color:rgb(249, 248, 245)  
}
```

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(249, 248, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 248, 245) }
```

Border

The CSS property to change the border of an element to RGB 249, 248, 245 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(249, 248, 245) }
```

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

```
.border{ border-color:rgb(249, 248, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 248, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 248, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 248, 245);  
box-shadow:4px 4px 4px 4px rgb(249, 248,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 249, 248, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 248, 245) }
```

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

```
.background{ background-color: rgb(249,  
248, 245) }
```

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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