

Converting Colors

RGB(249, 251, 245)

Have a look what the booklet for
RGB(249, 251, 245) contains.

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Color

RGB(249, 251, 245)

Conversions

Conversions Part 1

Format	Color
Hex	F9FBF5
RGB	249, 251, 245
RGB Percent	98%, 98%, 96%
CMY	0.0235, 0.0157, 0.0392
CMYK	0.01, 0.00, 0.02, 0.02
HSL	80°, 43%, 97%
HSV	80°, 2%, 98%
XYZ	90.0455, 95.7267, 100.1174
YIQ	249.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

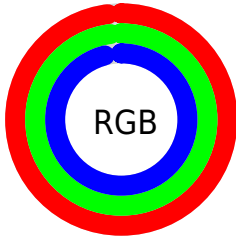
Format	Color
R _Y B	245, 251, 247
Decimal	16382965
CIE Lab	98.32, -1.70, 2.63
CIE LCh	98, 3.131, 122.943
Yxy	95.7267, 0.3150, 0.3348
Android (android.graphics.Color)	4294573045 (0xFFFF9FBF5)
YUV	249.7180, -2.3260, -0.6297
Hunter-Lab	97.8400, -6.9403, 7.8179

Details

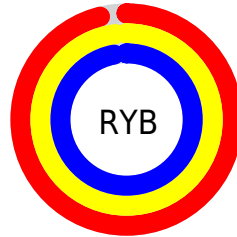
The RGB color 249, 251, 245 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 247, 245, 251, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 193, 195, 189 is the 20% darker color. If you saturate the color by 10%, you get 241, 251, 220, and if you desaturate by 10%, it is 255, 251, 255.

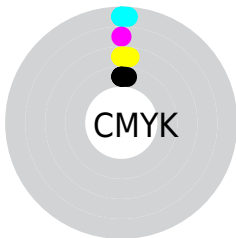
Distribution



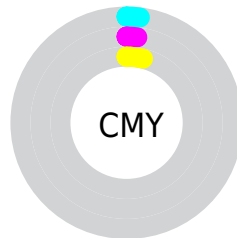
- Red (98%)
- Green (98%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 251, 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, 251, 245 by changing the saturation by 10% instead.

 249, 251, 245

255, 255, 255

 249, 251, 245

 220, 222, 217

 193, 195, 189


 165, 167, 162

 139, 141, 136

 114, 115, 110

 89, 91, 86

 66, 67, 63

 44, 45, 41

 23, 25, 21

 249, 251, 245

 249, 251, 245

 241, 251, 220

 255, 251, 255

 232, 251, 195

 224, 251, 170

 216, 251, 145

 207, 251, 120

 199, 251, 94

 190, 251, 69

 182, 251, 44

 174, 251, 19

Harmonies

Analogous

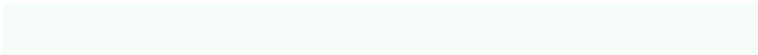
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 250, 244



249, 251, 245



246, 252, 247

Triad

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



249, 251, 245



245, 251, 255



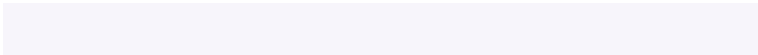
255, 248, 250

Complementary

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



249, 251, 245



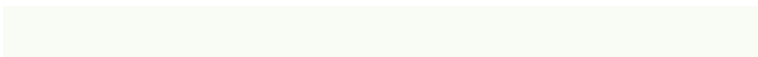
247, 245, 251

Split Complementary

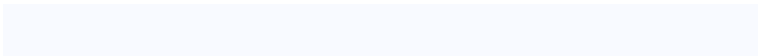
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 249, 253



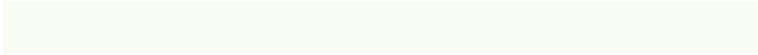
249, 251, 245



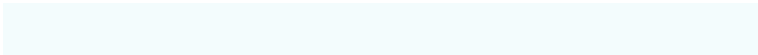
248, 250, 255

Square

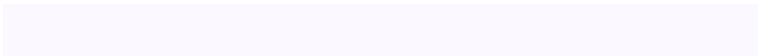
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



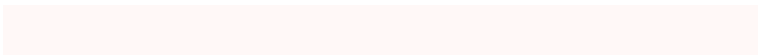
249, 251, 245



243, 252, 253



251, 249, 255



255, 248, 247

Rectangle

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



249, 251, 245



244, 252, 249



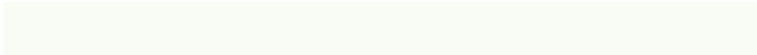
251, 249, 255



255, 248, 251

Sweetspot

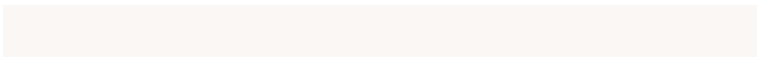
The Sweet Spot groups the original color and five complimentary colors.



249, 251, 245



254, 255, 252



251, 247, 245



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



249, 251, 245



252, 255, 247



246, 251, 245



123, 125, 120



126, 189, 0



41, 61, 0

Inverse Universe

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



247, 245, 251



250, 247, 255



250, 245, 251



122, 120, 125



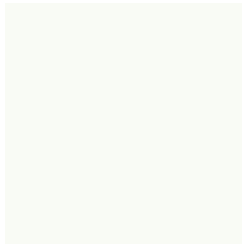
63, 0, 189



20, 0, 61

Previews

White Background



This preview shows how the RGB color 249, 251, 245 looks on a white background.

Color Contrast Check

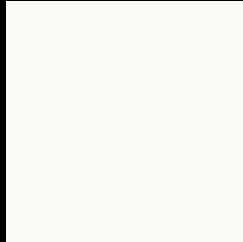
Large Text (above 18pt) WCAG AA × Fail

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, 251, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

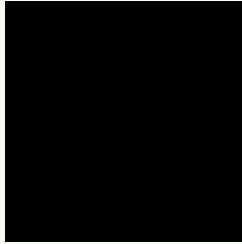
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

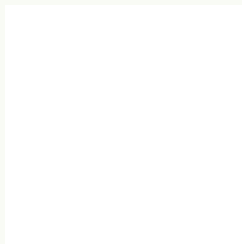
Any Text WCAG AAA ✓ Pass

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

RGB 249, 251, 245 Background



This preview shows how black text looks on a background with the RGB color 249, 251, 245.

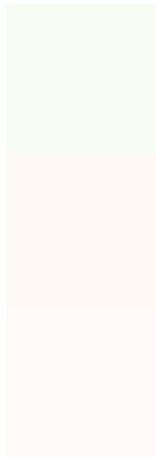


This preview shows how white text looks on a background with the RGB color 249, 251, 245.

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



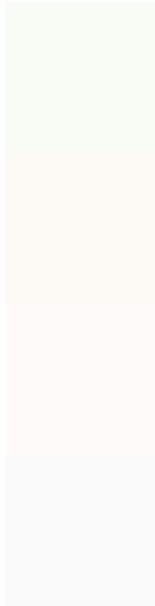
Original Color
249, 251, 245

Protanopia
255, 249, 245

Deuteranopia
255, 249, 250

Tritanopia
251, 249, 255

Trichromacy



Original Color

249, 251, 245

Protanomaly

253, 250, 245

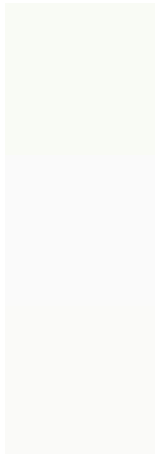
Deuteranomaly

253, 250, 248

Tritanomaly

250, 250, 251

Monochromacy



Original Color

249, 251, 245

Achromatopsia

250, 250, 250

Achromatomaly

250, 250, 248

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 251, 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, 251, 245) looks like.

```
.text, #text, p{  
    color:rgb(249, 251, 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, 251, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 251, 245) }
```

Border

The CSS property to change the border of an element to RGB 249, 251, 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, 251, 245) }
```

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

```
.border{ border-color:rgb(249, 251, 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, 251, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 251, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 251, 245);  
box-shadow:4px 4px 4px 4px rgb(249, 251,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 249, 251, 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, 251, 245) }
```

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

```
.background{ background-color: rgb(249,  
251, 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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