

Converting Colors

RGB(249, 246, 254)

Have a look what the booklet for
RGB(249, 246, 254) contains.

RGB(249, 246, 254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(249, 246, 254)

Conversions

Conversions Part 1

Format	Color
Hex	F9F6FE
RGB	249, 246, 254
RGB Percent	98%, 96%, 100%
CMY	0.0235, 0.0353, 0.0039
CMYK	0.02, 0.03, 0.00, 0.00
HSL	262°, 80%, 98%
HSV	262°, 3%, 100%
XYZ	89.9121, 93.2070, 107.0178
YIQ	247.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

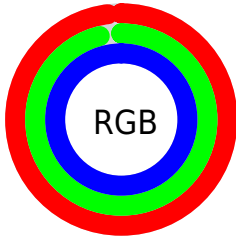
Format	Color
R_{YB}	249, 246, 254
Decimal	16381694
CIE _{Lab}	97.31, 2.42, -3.49
CIE _{LCh}	97, 4.242, 304.727
Yxy	93.2070, 0.3099, 0.3213
Android (android.graphics.Color)	4294571774 (0xFF9F6FE)
YUV	247.8090, 3.0522, 1.0445
Hunter-Lab	96.5438, -2.7130, 1.8583

Details

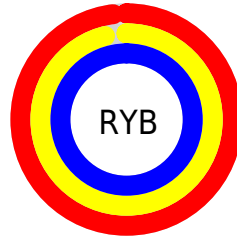
The RGB color 249, 246, 254 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251, 254, 246, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 193, 190, 197 is the 20% darker color. If you saturate the color by 10%, you get 233, 221, 254, and if you desaturate by 10%, it is 255, 255, 254.

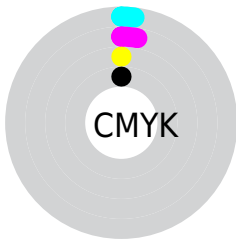
Distribution



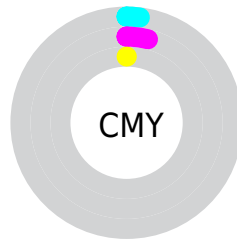
- Red (98%)
- Green (96%)
- Blue (100%)



- Red (98%)
- Yellow (96%)
- Blue (100%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 246, 254 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, 246, 254 by changing the saturation by 10% instead.

 249, 246, 254

 249, 246, 254

255, 255, 255

 220, 218, 225

 193, 190, 197

 165, 163, 170

 139, 136, 144

 114, 111, 118

 89, 87, 93

 66, 64, 70

 44, 42, 48


 23, 21, 27


 249, 246, 254


 249, 246, 254


 233, 221, 254


255, 255, 254

 217, 195, 254

 201, 170, 254


 185, 144, 254

 170, 119, 254

 154, 94, 254

 138, 68, 254

 122, 43, 254

 106, 17, 254

Harmonies

Analogous

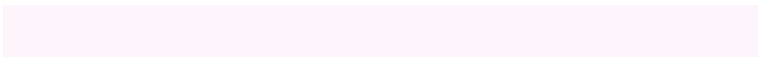
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 247, 255



249, 246, 254



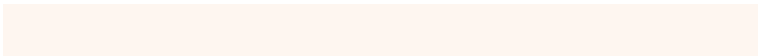
253, 245, 251

Triad

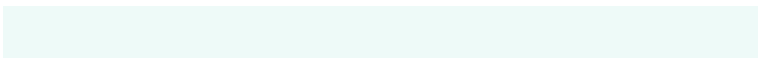
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 246, 254



254, 246, 240



238, 250, 248

Complementary

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



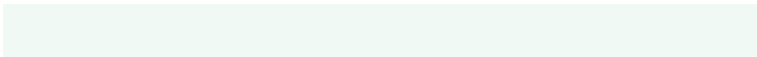
249, 246, 254



251, 254, 246

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.



241, 249, 244



249, 246, 254



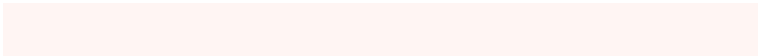
250, 247, 239

Square

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



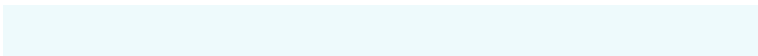
249, 246, 254



255, 245, 243



245, 248, 240



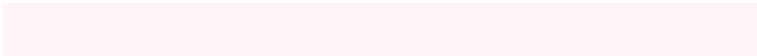
238, 250, 252

Rectangle

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



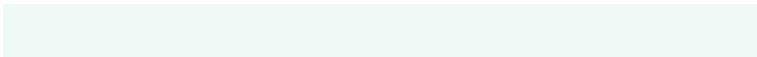
249, 246, 254



255, 245, 248



245, 248, 240



239, 250, 246

Sweetspot

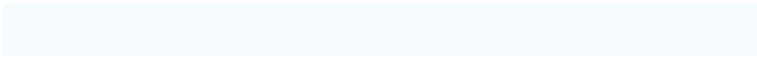
The Sweet Spot groups the original color and five complimentary colors.



249, 246, 254



253, 252, 255



246, 251, 254



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



249, 246, 254



249, 245, 255



253, 246, 254



124, 121, 128



72, 0, 191



24, 0, 64

Inverse Universe

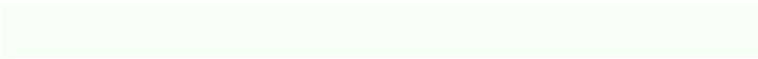
The Inverse Universe completely reimagines the original color for something new.



254, 246, 251



255, 245, 251



247, 254, 246



128, 121, 125



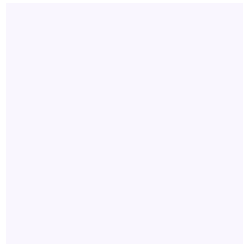
191, 0, 120



64, 0, 40

Previews

White Background



This preview shows how the RGB color 249, 246, 254 looks on a white background.

Color Contrast Check

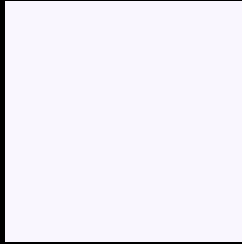
Large Text (above 18pt) WCAG AA × Fail

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, 246, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

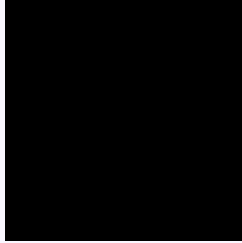
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

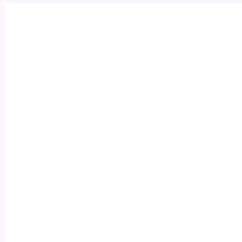
Any Text WCAG AAA ✓ Pass

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

RGB 249, 246, 254 Background



This preview shows how black text looks on a background with the RGB color 249, 246, 254.

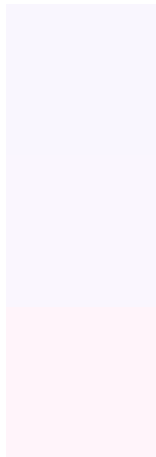


This preview shows how white text looks on a background with the RGB color 249, 246, 254.

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, 246, 254

Protanopia

250, 246, 254

Deuteranopia

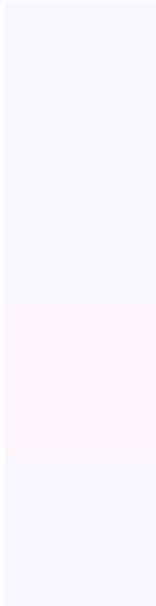
255, 244, 250



Tritanopia

249, 246, 255

Trichromacy



Original Color

249, 246, 254

Protanomaly

250, 246, 254

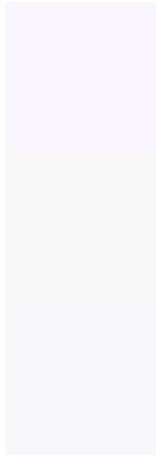
Deuteranomaly

253, 245, 251

Tritanomaly

249, 246, 255

Monochromacy



Original Color

249, 246, 254

Achromatopsia

248, 248, 248

Achromatomaly

248, 247, 250

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 246, 254 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, 246, 254) looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 254)  
}
```

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, 246, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 254) }
```

Border

The CSS property to change the border of an element to RGB 249, 246, 254 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, 246, 254) }
```

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

```
.border{ border-color:rgb(249, 246, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 246, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 246, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 246, 254); box-shadow:4px 4px 4px 4px rgb(249, 246, 254) }
```

Background

The CSS property to change the background color of an element to RGB 249, 246, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 254) }
```

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

```
.background{ background-color: rgb(249,  
246, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor