

# Converting Colors

RGB(249, 247, 255)

Have a look what the booklet for  
RGB(249, 247, 255) contains.

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# **Color**

**RGB(249, 247, 255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9F7FF
RGB	249, 247, 255
RGB Percent	98%, 97%, 100%
CMY	0.0235, 0.0314, 0.0000
CMYK	0.02, 0.03, 0.00, 0.00
HSL	255°, 100%, 98%
HSV	255°, 3%, 100%
XYZ	90.3777, 93.8813, 107.9652
YIQ	248.5100, -1.3760, 2.9120

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 247, 255
Decimal	16381951
CIE <sub>Lab</sub>	97.58, 2.09, -3.60
CIE <sub>LCh</sub>	98, 4.163, 300.097
Yxy	93.8813, 0.3093, 0.3213
Android (android.graphics.Color)	4294572031 (0xFFFF9F7FF)
YUV	248.5100, 3.1996, 0.4297
Hunter-Lab	96.8923, -3.0632, 1.7590

# Details

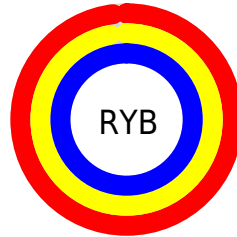
The RGB color 249, 247, 255 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 253, 255, 247, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 193, 191, 198 is the 20% darker color. If you saturate the color by 10%, you get 230, 222, 255, and if you desaturate by 10%, it is 255, 255, 255.

# Distribution



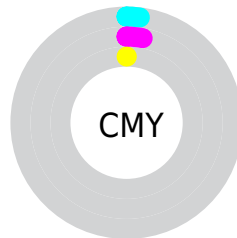
- Red (98%)
- Green (97%)
- Blue (100%)



- Red (98%)
- Yellow (97%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the RGB color 249, 247, 255 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, 247, 255 by changing the saturation by 10% instead.



 249, 247, 255

255, 255, 255


 249, 247, 255

 220, 219, 226

 193, 191, 198

 165, 164, 171


 139, 137, 145

 114, 112, 119

 89, 88, 94

 66, 64, 71

 44, 42, 48

 23, 22, 27

249, 247, 255

249, 247, 255

230, 222, 255

255, 255, 255

211, 196, 255

192, 171, 255

172, 145, 255

153, 120, 255

134, 94, 255

115, 68, 255

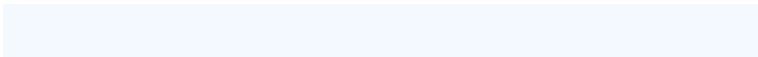
96, 43, 255

77, 17, 255

# Harmonies

## Analogous

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



244, 248, 255



249, 247, 255



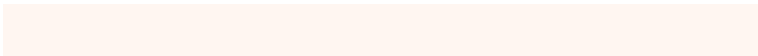
254, 246, 252

# Triad

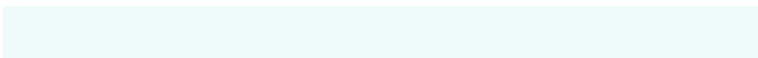
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 247, 255



255, 246, 241



239, 251, 248

# Complementary

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



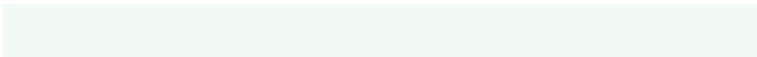
249, 247, 255



253, 255, 247

# 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.



242, 250, 244



249, 247, 255



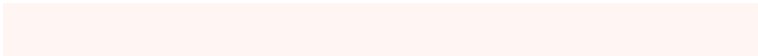
252, 248, 240

# Square

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



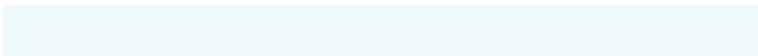
249, 247, 255



255, 246, 244



247, 249, 241



238, 250, 252

# Rectangle

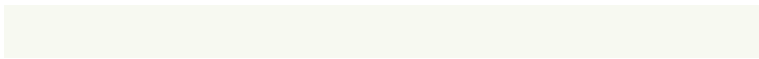
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



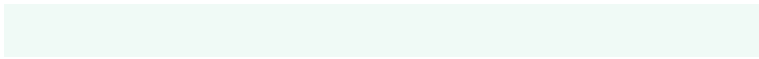
249, 247, 255



255, 246, 250



247, 249, 241



240, 250, 246



# Sweetspot

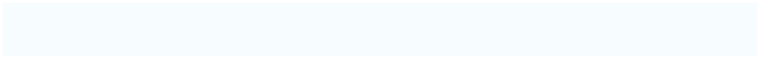
The Sweet Spot groups the original color and five complimentary colors.



249, 247, 255



253, 252, 255



247, 253, 255



127, 126, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



249, 247, 255



247, 245, 255



253, 247, 255



123, 121, 128



48, 0, 191



16, 0, 64



# Inverse Universe

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



255, 247, 253



255, 245, 252



249, 255, 247



128, 121, 126



191, 0, 143

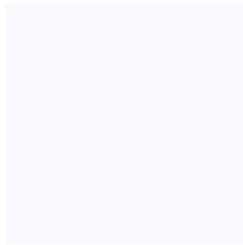


64, 0, 48



# Previews

## White Background



This preview shows how the RGB color 249, 247, 255 looks on a white background.

## Color Contrast Check

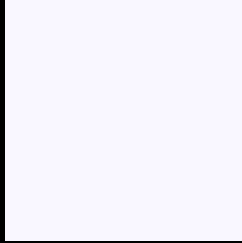
Large Text (above 18pt) WCAG AA × Fail

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, 247, 255 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

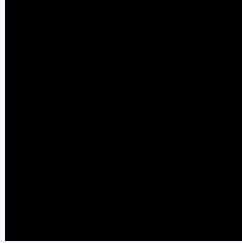
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

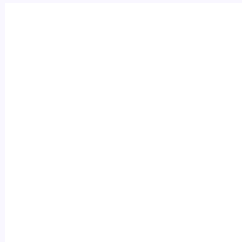
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 249, 247, 255 Background



This preview shows how black text looks on a background with the RGB color 249, 247, 255.

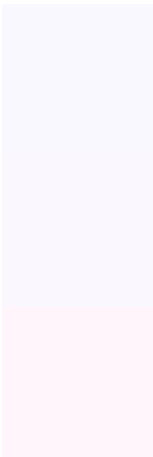


This preview shows how white text looks on a background with the RGB color 249, 247, 255.

# 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, 247, 255

**Protanopia**  
250, 247, 255

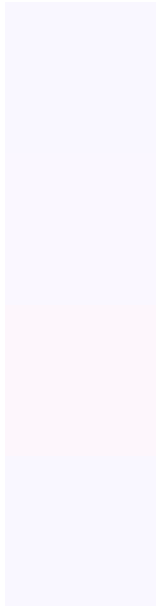
**Deuteranopia**  
255, 245, 251



# Tritanopia

249, 247, 255

# Trichromacy



## Original Color

249, 247, 255

## Protanomaly

250, 247, 255

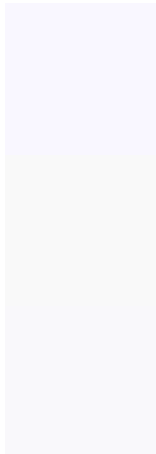
## Deuteranomaly

253, 246, 252

## Tritanomaly

249, 247, 255

# Monochromacy



## Original Color

249, 247, 255

## Achromatopsia

249, 249, 249

## Achromatomaly

249, 248, 251

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 249, 247, 255 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, 247, 255) looks like.

```
.text, #text, p{  
    color:rgb(249, 247, 255)  
}
```

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, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 247, 255) }
```

## Border

The CSS property to change the border of an element to RGB 249, 247, 255 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, 247, 255) }
```

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

```
.border{ border-color:rgb(249, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 247,  
255) }
```

# Background

The CSS property to change the background color of an element to RGB 249, 247, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 247, 255) }
```

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

```
.background{ background-color: rgb(249,  
247, 255) }
```

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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