

# Converting Colors

RGB(249, 251, 255)

Have a look what the booklet for  
RGB(249, 251, 255) contains.

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# **Color**

**RGB(249, 251, 255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9FBFF
RGB	249, 251, 255
RGB Percent	98%, 98%, 100%
CMY	0.0235, 0.0157, 0.0000
CMYK	0.02, 0.02, 0.00, 0.00
HSL	220°, 100%, 99%
HSV	220°, 2%, 100%
XYZ	91.6141, 96.3541, 108.3774
YIQ	250.8580, -2.4760, 0.8200

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 251, 255
Decimal	16382975
CIE <sub>Lab</sub>	98.57, 0.06, -2.15
CIE <sub>LCh</sub>	99, 2.151, 271.552
Yxy	96.3541, 0.3091, 0.3251
Android (android.graphics.Color)	4294573055 (0xFFFF9FBFF)
YUV	250.8580, 2.0420, -1.6295
Hunter-Lab	98.1601, -5.1839, 3.2507

# Details

The RGB color 249, 251, 255 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 255, 253, 249, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 193, 195, 198 is the 20% darker color. If you saturate the color by 10%, you get 224, 234, 255, and if you desaturate by 10%, it is 255, 255, 255.

# Distribution



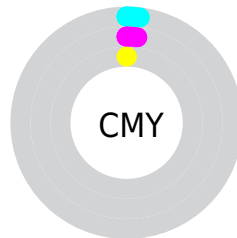
- Red (98%)
- Green (98%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the RGB color 249, 251, 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, 251, 255 by changing the saturation by 10% instead.



 249, 251, 255


255, 255, 255

 249, 251, 255

 220, 222, 226

 193, 195, 198

 165, 167, 171

 139, 141, 145

 114, 115, 119

 89, 91, 94

 66, 67, 71

 44, 45, 48

 23, 25, 27

249, 251, 255

249, 251, 255

224, 234, 255

255, 255, 255

198, 217, 255

172, 200, 255

147, 183, 255

122, 166, 255

96, 149, 255

70, 132, 255

45, 115, 255

19, 98, 255

# Harmonies

## Analogous

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



247, 252, 254



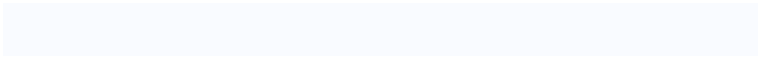
249, 251, 255



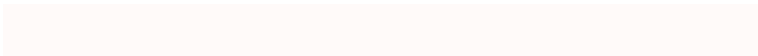
252, 250, 254

# Triad

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



249, 251, 255



255, 250, 249



248, 252, 249

# Complementary

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



249, 251, 255



255, 253, 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.



250, 251, 247



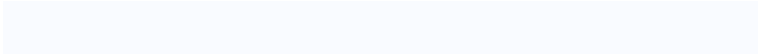
249, 251, 255



255, 250, 247

# Square

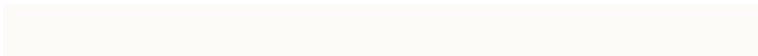
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 251, 255



255, 250, 251



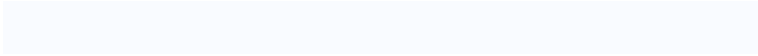
253, 251, 247



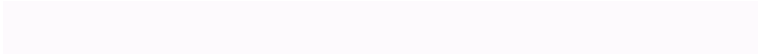
246, 252, 251

# Rectangle

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



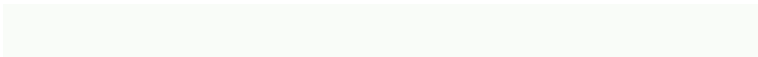
249, 251, 255



253, 250, 253



253, 251, 247



249, 252, 248



# Sweetspot

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



249, 251, 255



252, 253, 255



249, 255, 253



126, 127, 128



0, 0, 0



128, 128, 128

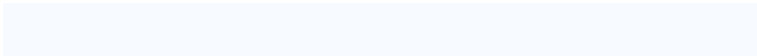


# Same Dimension

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



249, 251, 255



247, 250, 255



250, 249, 255



122, 124, 128



0, 64, 191

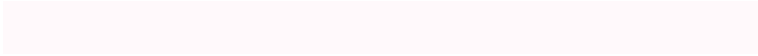


0, 21, 64



# Inverse Universe

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



255, 249, 251



255, 247, 250



254, 255, 249



128, 122, 124



191, 0, 64

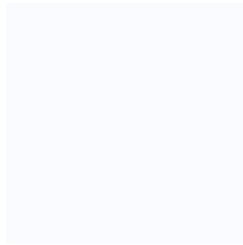


64, 0, 21



# Previews

## White Background



This preview shows how the RGB color 249, 251, 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, 251, 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

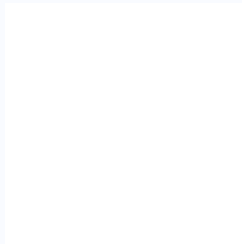
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 249, 251, 255 Background



This preview shows how black text looks on a background with the RGB color 249, 251, 255.



This preview shows how white text looks on a background with the RGB color 249, 251, 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](#), [251](#), [255](#)

**Protanopia**  
[254](#), [249](#), [254](#)

**Deuteranopia**  
[255](#), [249](#), [252](#)

# Tritanopia

251, 250, 255

# Trichromacy

## Original Color

249, 251, 255

## Protanomaly

252, 250, 254

## Deuteranomaly

253, 250, 253

## Tritanomaly

250, 250, 255

# Monochromacy

## Original Color

249, 251, 255

## Achromatopsia

251, 251, 251

## Achromatomaly

250, 251, 252

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 249, 251, 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, 251, 255) looks like.

```
.text, #text, p{  
    color:rgb(249, 251, 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, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 251, 255) }
```

## Border

The CSS property to change the border of an element to RGB 249, 251, 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, 251, 255) }
```

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

```
.border{ border-color:rgb(249, 251, 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, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 251,  
255) }
```

# Background

The CSS property to change the background color of an element to RGB 249, 251, 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, 251, 255) }
```

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

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