

# Converting Colors

RGB(244, 250, 254)

Have a look what the booklet for  
RGB(244, 250, 254) contains.

<b>RGB(244, 250, 254)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(244, 250, 254)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4FAFE
RGB	244, 250, 254
RGB Percent	96%, 98%, 100%
CMY	0.0431, 0.0196, 0.0039
CMYK	0.04, 0.02, 0.00, 0.00
HSL	204°, 83%, 98%
HSV	204°, 4%, 100%
XYZ	89.3832, 94.7601, 107.3455
YIQ	248.6620, -4.8600, -0.0280

# Conversions

## Conversions Part 2

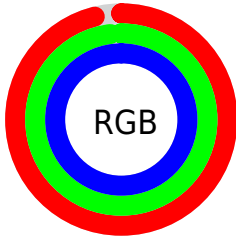
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 248, 254
Decimal	16055038
CIE Lab	97.94, -1.25, -2.61
CIE LCh	98, 2.892, 244.496
Yxy	94.7601, 0.3066, 0.3251
Android (android.graphics.Color)	4294245118 (0xFF4FAFE)
YUV	248.6620, 2.6316, -4.0886
Hunter-Lab	97.3448, -6.4524, 2.7602

# Details

The RGB color 244, 250, 254 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 254, 248, 244, and the grayscale version is 249, 249, 249.

A 20% lighter version of the original color is 255, 255, 255, and 188, 194, 197 is the 20% darker color. If you saturate the color by 10%, you get 219, 240, 254, and if you desaturate by 10%, it is 255, 255, 254.

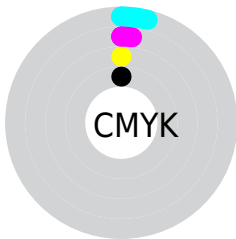
# Distribution



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



- Red (96%)
- Yellow (97%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the RGB color 244, 250, 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 244, 250, 254 by changing the saturation by 10% instead.




 244, 250, 254

 244, 250, 254

255, 255, 255

 216, 221, 225

 188, 194, 197

 161, 166, 170

 135, 140, 144

 109, 115, 118

 85, 90, 93

 62, 67, 70

 40, 45, 48

 20, 24, 27

244, 250, 254

244, 250, 254

219, 240, 254

255, 255, 254

193, 230, 254

168, 220, 254

142, 209, 254

117, 199, 254

92, 189, 254

66, 179, 254

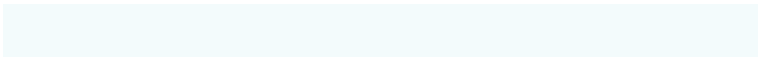
41, 169, 254

15, 159, 254

# Harmonies

## Analogous

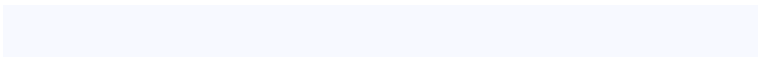
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 251, 252



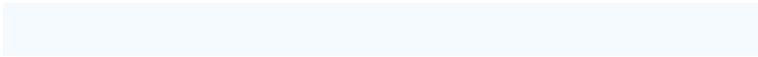
244, 250, 254



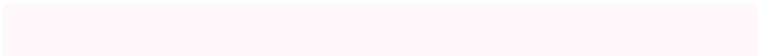
247, 249, 255

# Triad

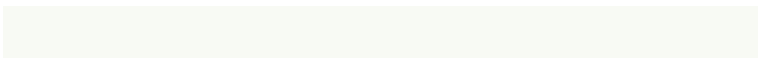
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244, 250, 254



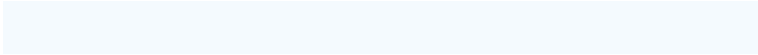
255, 247, 249



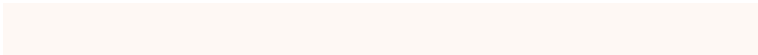
248, 250, 244

# Complementary

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



244, 250, 254



254, 248, 244

# Split Complementary

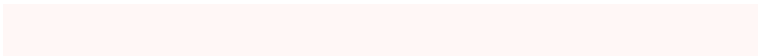
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 249, 243



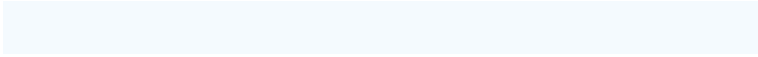
244, 250, 254



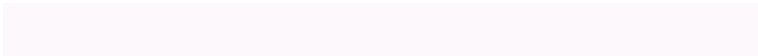
255, 247, 246

# Square

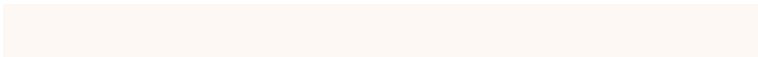
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



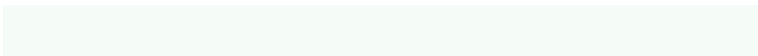
244, 250, 254



253, 248, 252



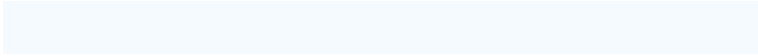
254, 248, 244



245, 251, 247

# Rectangle

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



244, 250, 254



249, 249, 254



254, 248, 244

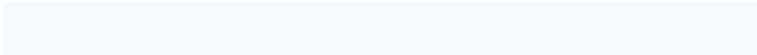


249, 250, 244



# Sweetspot

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



244, 250, 254



252, 254, 255



244, 254, 248



126, 127, 128



0, 0, 0

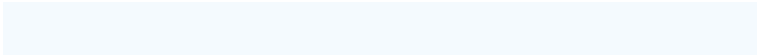


128, 128, 128



# Same Dimension

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



244, 250, 254



242, 250, 255



244, 245, 254



120, 124, 128



0, 115, 191



0, 38, 64



# Inverse Universe

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



254, 244, 250



255, 242, 250



254, 253, 244



128, 120, 124



191, 0, 115

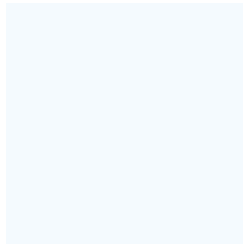


64, 0, 38



# Previews

## White Background



This preview shows how the RGB color 244, 250, 254 looks on a white background.

## Color Contrast Check

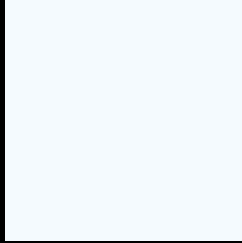
Large Text (above 18pt) WCAG AA × Fail

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 244, 250, 254 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

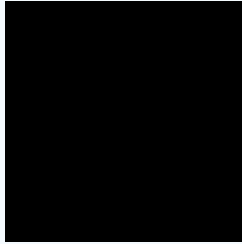
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

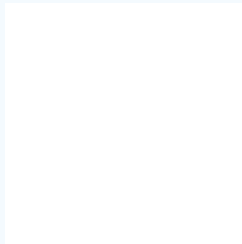
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 244, 250, 254 Background



This preview shows how black text looks on a background with the RGB color 244, 250, 254.

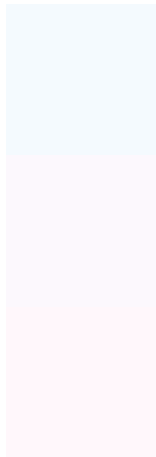


This preview shows how white text looks on a background with the RGB color 244, 250, 254.

# 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**  
244, 250, 254

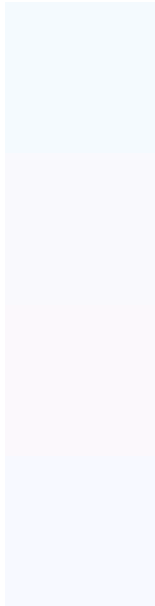
**Protanopia**  
252, 248, 253

**Deuteranopia**  
255, 247, 251

# Tritanopia

248, 249, 255

# Trichromacy



## Original Color

244, 250, 254

## Protanomaly

249, 249, 253

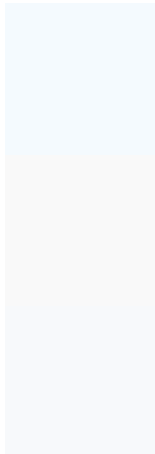
## Deuteranomaly

251, 248, 252

## Tritanomaly

247, 249, 255

# Monochromacy



## Original Color

244, 250, 254

## Achromatopsia

249, 249, 249

## Achromatomaly

247, 249, 251

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 244, 250, 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(244, 250, 254) looks like.

```
.text, #text, p{  
    color:rgb(244, 250, 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(244, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 250, 254) }
```

## Border

The CSS property to change the border of an element to RGB 244, 250, 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(244, 250, 254) }
```

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

```
.border{ border-color:rgb(244, 250, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 250,  
254) }
```

# Background

The CSS property to change the background color of an element to RGB 244, 250, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 250, 254) }
```

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

```
.background{ background-color: rgb(244,  
250, 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