

Converting Colors

RGB(241, 248, 251)

Have a look what the booklet for
RGB(241, 248, 251) contains.

RGB(241, 248, 251)	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(241, 248, 251)

Conversions

Conversions Part 1

Format	Color
Hex	F1F8FB
RGB	241, 248, 251
RGB Percent	95%, 97%, 98%
CMY	0.0549, 0.0275, 0.0157
CMYK	0.04, 0.01, 0.00, 0.02
HSL	198°, 56%, 96%
HSV	198°, 4%, 98%
XYZ	87.2556, 92.8006, 104.5802
YIQ	246.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

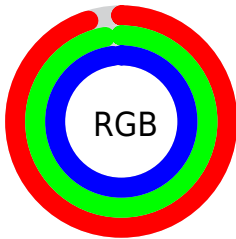
Format	Color
R_{YB}	241, 245, 251
Decimal	15857915
CIE Lab	97.15, -1.75, -2.25
CIE LCh	97, 2.853, 232.047
Yxy	92.8006, 0.3066, 0.3260
Android (android.graphics.Color)	4294047995 (0xFFFF1F8FB)
YUV	246.2490, 2.3422, -4.6034
Hunter-Lab	96.3331, -6.9029, 3.0673

Details

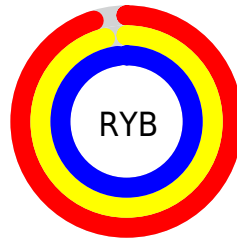
The RGB color **241, 248, 251** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **251, 244, 241**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **185, 192, 195** is the 20% darker color. If you saturate the color by 10%, you get **216, 240, 251**, and if you desaturate by 10%, it is **255, 255, 251**.

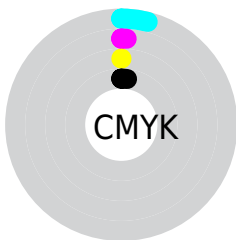
Distribution



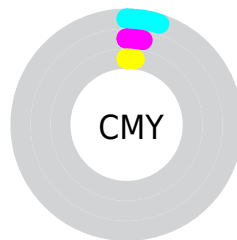
- Red (95%)
- Green (97%)
- Blue (98%)



- Red (95%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (3%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the RGB color 241, 248, 251 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 241, 248, 251 by changing the saturation by 10% instead.

 241, 248, 251


255, 255, 255


 241, 248, 251

 213, 219, 222

 185, 192, 195

 158, 165, 167

 132, 138, 141

 107, 113, 115

 83, 88, 91

 59, 65, 67

 38, 43, 45

 17, 23, 25

241, 248, 251

241, 248, 251

216, 240, 251

255, 255, 251

191, 233, 251

166, 225, 251

141, 218, 251

116, 210, 251

90, 203, 251

65, 195, 251

40, 188, 251

15, 180, 251

Harmonies

Analogous

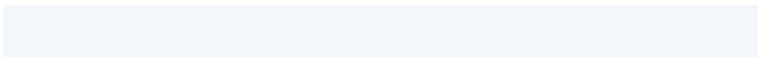
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 248, 249



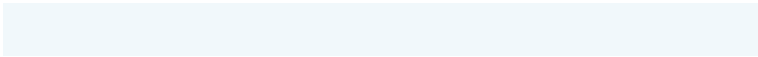
241, 248, 251



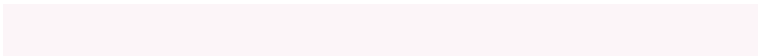
243, 247, 252

Triad

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



241, 248, 251



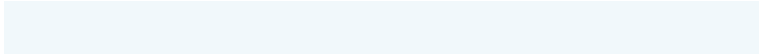
252, 245, 248



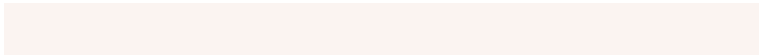
247, 247, 242

Complementary

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



241, 248, 251



251, 244, 241

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, 246, 241



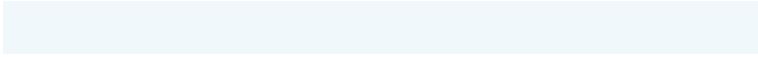
241, 248, 251



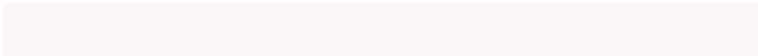
253, 245, 245

Square

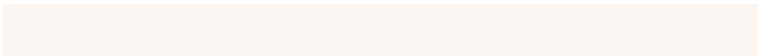
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241, 248, 251



250, 246, 250



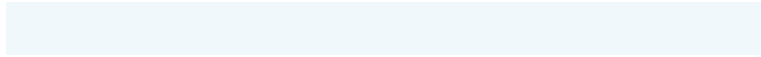
252, 246, 242



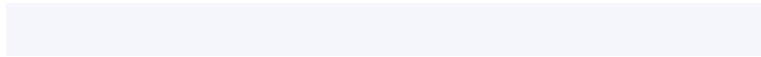
244, 248, 243

Rectangle

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



241, 248, 251



245, 247, 252



252, 246, 242



248, 247, 241

Sweetspot

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



241, 248, 251



252, 254, 255



241, 251, 244



126, 127, 128



0, 0, 0



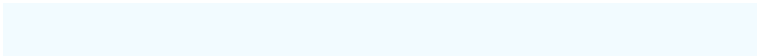
128, 128, 128

Same Dimension

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



241, 248, 251



242, 251, 255



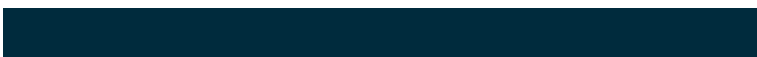
241, 243, 251



117, 123, 125



0, 132, 189



0, 43, 61

Inverse Universe

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



251, 241, 248



255, 242, 251



251, 249, 241



125, 117, 123



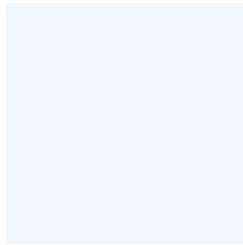
189, 0, 132



61, 0, 43

Previews

White Background



This preview shows how the RGB color 241, 248, 251 looks on a white background.

Color Contrast Check

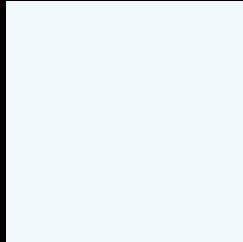
Large Text (above 18pt) WCAG AA × Fail

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 241, 248, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

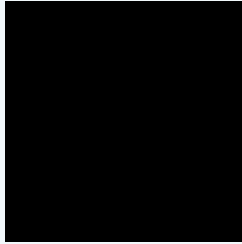
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

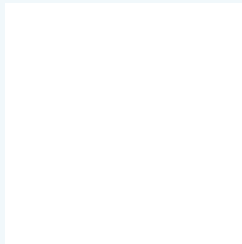
Any Text WCAG AAA ✓ Pass

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

RGB 241, 248, 251 Background



This preview shows how black text looks on a background with the RGB color 241, 248, 251.

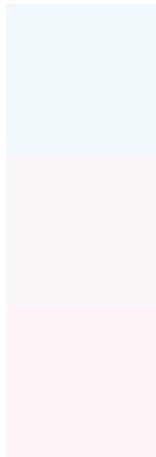


This preview shows how white text looks on a background with the RGB color 241, 248, 251.

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
241, 248, 251

Protanopia
250, 245, 249

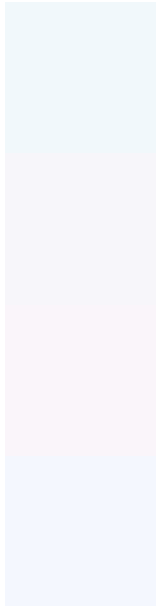
Deuteranopia
255, 244, 249



Tritanopia

245, 246, 255

Trichromacy



Original Color

241, 248, 251

Protanomaly

247, 246, 250

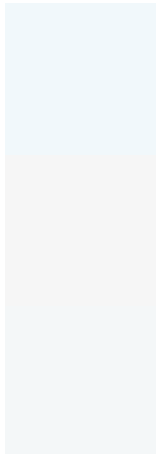
Deuteranomaly

250, 245, 250

Tritanomaly

244, 247, 254

Monochromacy



Original Color

241, 248, 251

Achromatopsia

246, 246, 246

Achromatomaly

244, 247, 248

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 248, 251 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(241, 248, 251) looks like.

```
.text, #text, p{  
    color:rgb(241, 248, 251)  
}
```

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(241, 248, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 248, 251) }
```

Border

The CSS property to change the border of an element to RGB 241, 248, 251 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(241, 248, 251) }
```

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

```
.border{ border-color:rgb(241, 248, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 248, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 248, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 248, 251);  
box-shadow:4px 4px 4px 4px rgb(241, 248,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 241, 248, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 248, 251) }
```

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

```
.background{ background-color: rgb(241,  
248, 251) }
```

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