

Converting Colors

RGB(243, 246, 249)

Have a look what the booklet for
RGB(243, 246, 249) contains.

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Color

RGB(243, 246, 249)

Conversions

Conversions Part 1

Format	Color
Hex	F3F6F9
RGB	243, 246, 249
RGB Percent	95%, 96%, 98%
CMY	0.0471, 0.0353, 0.0235
CMYK	0.02, 0.01, 0.00, 0.02
HSL	210°, 33%, 96%
HSV	210°, 2%, 98%
XYZ	87.0168, 91.8058, 102.7565
YIQ	245.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

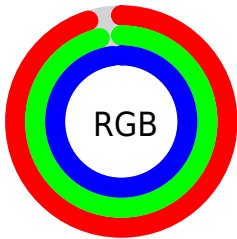
Format	Color
R _Y B	243, 245, 249
Decimal	15988473
CIE Lab	96.74, -0.45, -1.80
CIE LCh	97, 1.851, 255.949
Yxy	91.8058, 0.3090, 0.3260
Android (android.graphics.Color)	4294178553 (0xFF3F6F9)
YUV	245.4450, 1.7526, -2.1443
Hunter-Lab	95.8153, -5.5681, 3.4855

Details

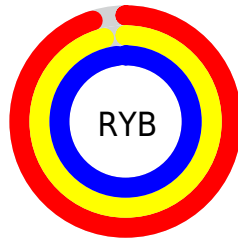
The RGB color **243, 246, 249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **249, 246, 243**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **187, 190, 193** is the 20% darker color. If you saturate the color by 10%, you get **218, 234, 249**, and if you desaturate by 10%, it is **255, 255, 249**.

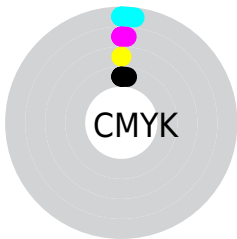
Distribution



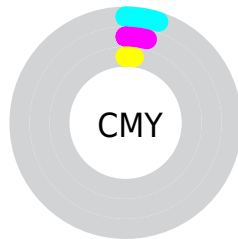
- Red (95%)
- Green (96%)
- Blue (98%)



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



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



- Cyan (5%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 243, 246, 249 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 243, 246, 249 by changing the saturation by 10% instead.


 243, 246, 249

255, 255, 255

 243, 246, 249

 215, 218, 220


 187, 190, 193

 160, 163, 165

 134, 136, 139

 109, 111, 114

 84, 87, 89

 61, 64, 66

 39, 42, 44

 19, 21, 23

 243, 246, 249

 243, 246, 249


 218, 234, 249


 255, 255, 249


 193, 221, 249


 168, 209, 249


 143, 196, 249

 119, 184, 249

 94, 171, 249

 69, 159, 249

 44, 146, 249

 19, 134, 249

Harmonies

Analogous

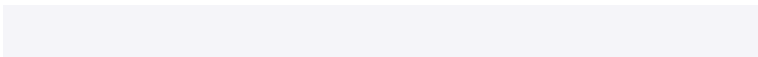
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 246, 248



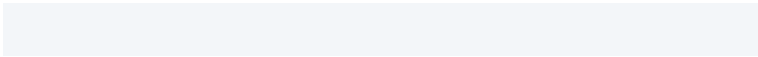
243, 246, 249



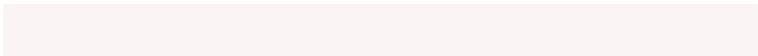
245, 245, 249

Triad

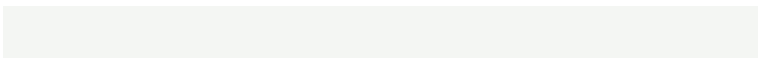
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243, 246, 249



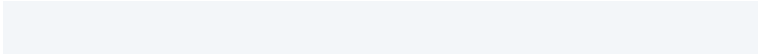
250, 244, 245



244, 246, 243

Complementary

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



243, 246, 249



249, 246, 243

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.



246, 246, 242



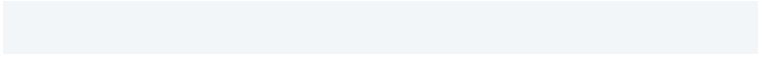
243, 246, 249



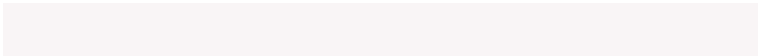
249, 245, 243

Square

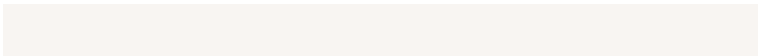
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



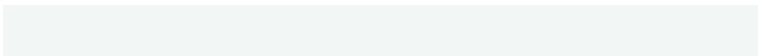
243, 246, 249



249, 245, 246



248, 245, 242



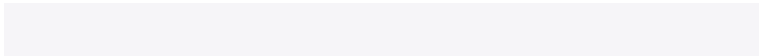
242, 247, 245

Rectangle

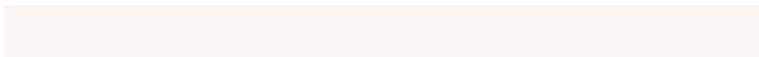
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



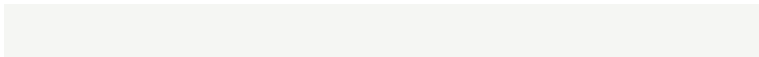
243, 246, 249



246, 245, 248



248, 245, 242



245, 246, 243

Sweetspot

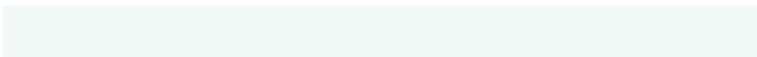
The Sweet Spot groups the original color and five complimentary colors.



243, 246, 249



252, 254, 255



243, 249, 246



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



243, 246, 249



247, 251, 255



243, 243, 249



120, 122, 125



0, 94, 189



0, 31, 61

Inverse Universe

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



249, 243, 246



255, 247, 251



249, 249, 243



125, 120, 122



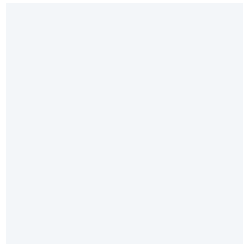
189, 0, 94



61, 0, 31

Previews

White Background



This preview shows how the RGB color 243, 246, 249 looks on a white background.

Color Contrast Check

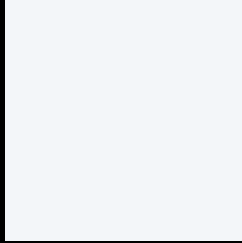
Large Text (above 18pt) WCAG AA × Fail

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 243, 246, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

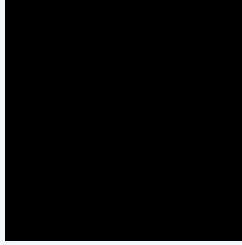
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

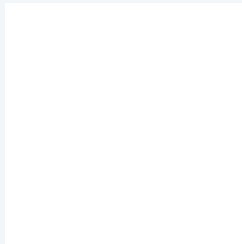
Any Text WCAG AAA ✓ Pass

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

RGB 243, 246, 249 Background



This preview shows how black text looks on a background with the RGB color 243, 246, 249.

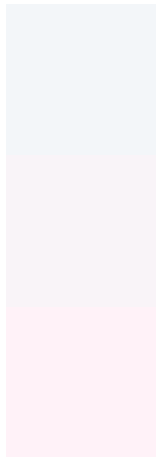


This preview shows how white text looks on a background with the RGB color 243, 246, 249.

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
243, 246, 249

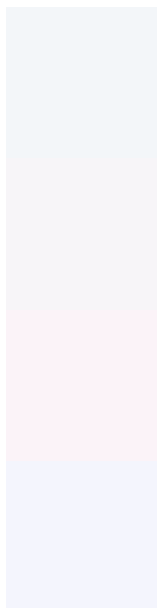
Protanopia
249, 244, 248

Deuteranopia
255, 242, 248



Tritanopia
245, 245, 255

Trichromacy



Original Color

243, 246, 249

Protanomaly

247, 245, 248

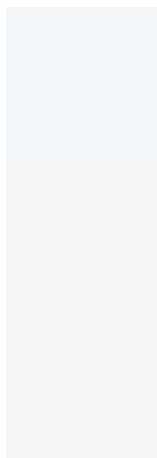
Deuteranomaly

251, 243, 248

Tritanomaly

244, 245, 253

Monochromacy



Original Color

243, 246, 249

Achromatopsia

245, 245, 245

Achromatomaly

244, 245, 246

CSS Examples

Text

The CSS property to change the color of the text to RGB 243, 246, 249 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(243, 246, 249) looks like.

```
.text, #text, p{  
    color:rgb(243, 246, 249)  
}
```

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(243, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 246, 249) }
```

Border

The CSS property to change the border of an element to RGB 243, 246, 249 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(243, 246, 249) }
```

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

```
.border{ border-color:rgb(243, 246, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 246, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 246, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 246, 249);  
box-shadow:4px 4px 4px 4px rgb(243, 246,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 243, 246, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 246, 249) }
```

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

```
.background{ background-color: rgb(243,  
246, 249) }
```

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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