

Converting Colors

RGB(240, 242, 247)

Have a look what the booklet for
RGB(240, 242, 247) contains.

RGB(240, 242, 247)	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(240, 242, 247)

Conversions

Conversions Part 1

Format	Color
Hex	F0F2F7
RGB	240, 242, 247
RGB Percent	94%, 95%, 97%
CMY	0.0588, 0.0510, 0.0314
CMYK	0.03, 0.02, 0.00, 0.03
HSL	223°, 30%, 95%
HSV	223°, 3%, 97%
XYZ	84.4758, 88.7449, 100.6728
YIQ	241.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

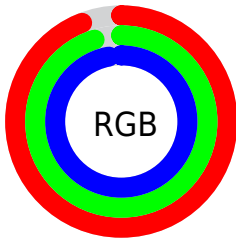
Format	Color
R_{YB}	240, 242, 247
Decimal	15790839
CIE _{Lab}	95.47, 0.24, -2.65
CIE _{LCh}	95, 2.656, 275.183
Y _{xy}	88.7449, 0.3084, 0.3240
Android (android.graphics.Color)	4293980919 (0xFFFF0F2F7)
Y _{UV}	241.9720, 2.4788, -1.7294
Hunter-Lab	94.2045, -4.7920, 2.5822

Details

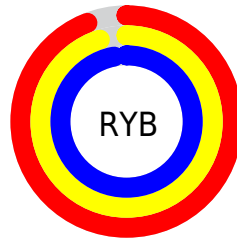
The RGB color `240, 242, 247` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `247, 245, 240`, and the grayscale version is `242, 242, 242`.

A 20% lighter version of the original color is `255, 255, 255`, and `184, 186, 191` is the 20% darker color. If you saturate the color by 10%, you get `215, 224, 247`, and if you desaturate by 10%, it is `255, 255, 247`.

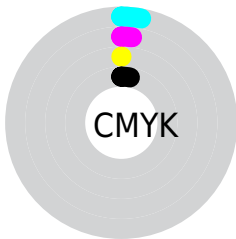
Distribution



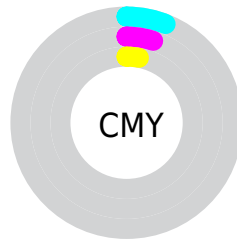
- Red (94%)
- Green (95%)
- Blue (97%)



- Red (94%)
- Yellow (95%)
- Blue (97%)



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



- Cyan (6%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 242, 247 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 240, 242, 247 by changing the saturation by 10% instead.

■ 240, 242, 247

255, 255, 255

■ 240, 242, 247

■ 212, 214, 219

■ 184, 186, 191

■ 157, 159, 164

■ 131, 133, 137

■ 106, 108, 112

■ 82, 83, 88

■ 59, 60, 64

■ 37, 39, 42

■ 16, 18, 22

 240, 242, 247


 240, 242, 247


 215, 224, 247


 255, 255, 247


 191, 207, 247


 166, 189, 247


 141, 171, 247

 116, 154, 247

 92, 136, 247

 67, 118, 247

 42, 101, 247

 18, 83, 247

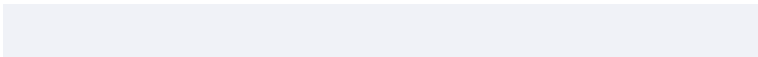
Harmonies

Analogous

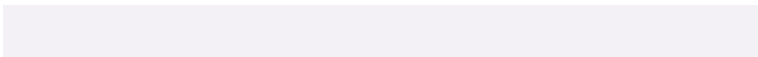
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237, 243, 247



240, 242, 247



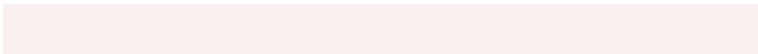
243, 241, 246

Triad

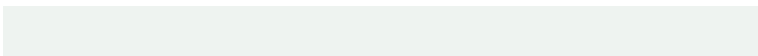
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 242, 247



248, 240, 239



238, 243, 240

Complementary

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



240, 242, 247



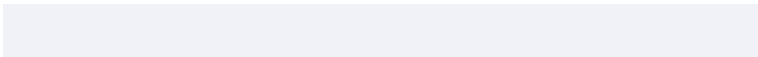
247, 245, 240

Split Complementary

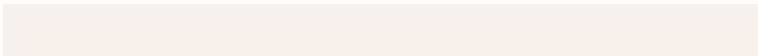
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 243, 238



240, 242, 247



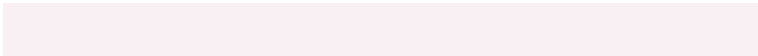
246, 241, 237

Square

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



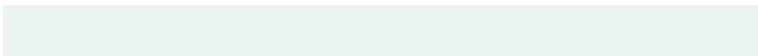
240, 242, 247



248, 240, 242



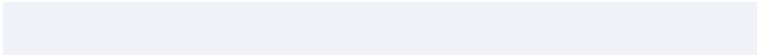
244, 242, 237



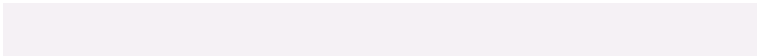
236, 244, 242

Rectangle

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



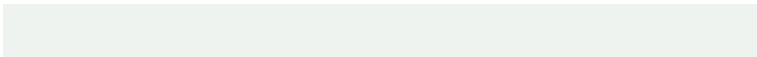
240, 242, 247



245, 241, 245



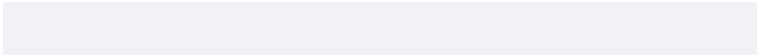
244, 242, 237



239, 243, 239

Sweetspot

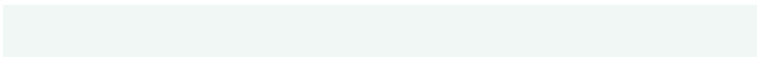
The Sweet Spot groups the original color and five complimentary colors.



240, 242, 247



252, 253, 255



240, 247, 245



126, 127, 128



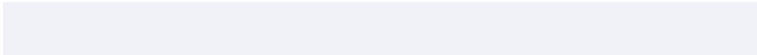
0, 0, 0



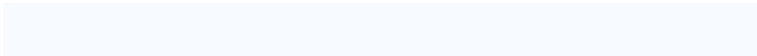
128, 128, 128

Same Dimension

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



240, 242, 247



247, 250, 255



241, 240, 247



118, 119, 122



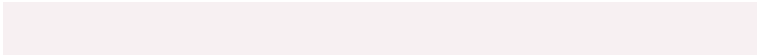
0, 53, 186



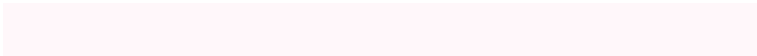
0, 17, 59

Inverse Universe

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



247, 240, 242



255, 247, 250



246, 247, 240



122, 118, 119



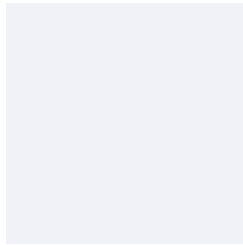
186, 0, 53



59, 0, 17

Previews

White Background



This preview shows how the RGB color 240, 242, 247 looks on a white background.

Color Contrast Check

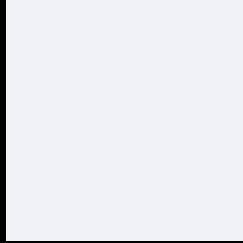
Large Text (above 18pt) WCAG AA × Fail

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 240, 242, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

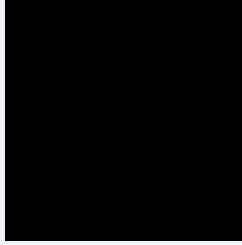
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

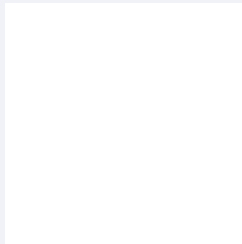
Any Text WCAG AAA ✓ Pass

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

RGB 240, 242, 247 Background



This preview shows how black text looks on a background with the RGB color 240, 242, 247.

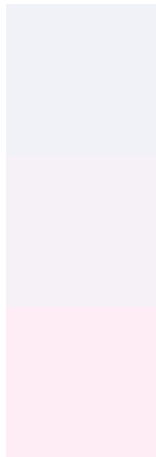


This preview shows how white text looks on a background with the RGB color 240, 242, 247.

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

240, 242, 247

Protanopia

245, 241, 246

Deuteranopia

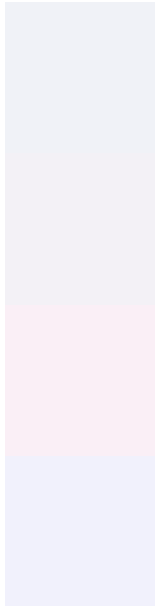
255, 237, 246



Tritanopia

242, 241, 255

Trichromacy



Original Color

240, 242, 247

Protanomaly

243, 241, 246

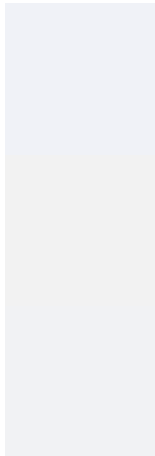
Deuteranomaly

250, 239, 246

Tritanomaly

241, 241, 252

Monochromacy



Original Color

240, 242, 247

Achromatopsia

242, 242, 242

Achromatomaly

241, 242, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 242, 247 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(240, 242, 247) looks like.

```
.text, #text, p{  
    color:rgb(240, 242, 247)  
}
```

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(240, 242, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 242, 247) }
```

Border

The CSS property to change the border of an element to RGB 240, 242, 247 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(240, 242, 247) }
```

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

```
.border{ border-color:rgb(240, 242, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 242, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 242, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 242, 247);  
box-shadow:4px 4px 4px 4px rgb(240, 242,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 240, 242, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 242, 247) }
```

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

```
.background{ background-color: rgb(240,  
242, 247) }
```

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