

Converting Colors

RGB(235, 239, 242)

Have a look what the booklet for
RGB(235, 239, 242) contains.

RGB(235, 239, 242)	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(235, 239, 242)

Conversions

Conversions Part 1

Format	Color
Hex	EBEFF2
RGB	235, 239, 242
RGB Percent	92%, 94%, 95%
CMY	0.0784, 0.0627, 0.0510
CMYK	0.03, 0.01, 0.00, 0.05
HSL	206°, 21%, 94%
HSV	206°, 3%, 95%
XYZ	81.1545, 85.8060, 96.2893
YIQ	238.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

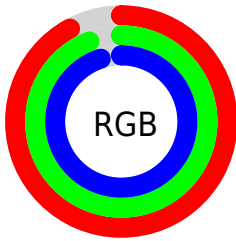
Format	Color
R _Y B	235, 238, 242
Decimal	15462386
CIE Lab	94.23, -0.78, -1.92
CIE LCh	94, 2.073, 247.870
Yxy	85.8060, 0.3083, 0.3259
Android (android.graphics.Color)	4293652466 (0xFFEBEFF2)
YUV	238.1460, 1.9000, -2.7590
Hunter-Lab	92.6315, -5.7213, 3.2108

Details

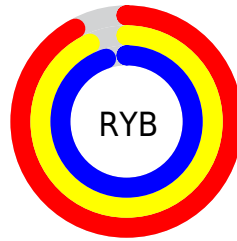
The RGB color **235, 239, 242** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **242, 238, 235**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **179, 183, 186** is the 20% darker color. If you saturate the color by 10%, you get **211, 229, 242**, and if you desaturate by 10%, it is 255, 249, 242.

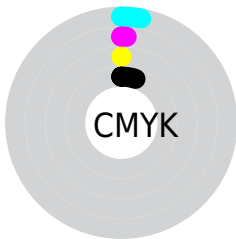
Distribution



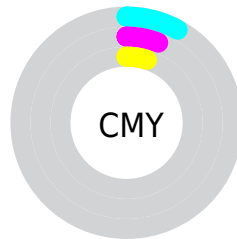
- Red (92%)
- Green (94%)
- Blue (95%)



- Red (92%)
- Yellow (93%)
- Blue (95%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (8%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 239, 242 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 235, 239, 242 by changing the saturation by 10% instead.

■ 235, 239, 242

255, 255, 255

■ 235, 239, 242

■ 207, 211, 214

■ 179, 183, 186

■ 153, 156, 159

■ 127, 130, 133

■ 102, 105, 108

■ 78, 81, 83


■ 55, 58, 60

■ 34, 37, 39

■ 11, 15, 18

 235, 239, 242

 235, 239, 242


 211, 229, 242


 255, 249, 242


 187, 218, 242


 255, 255, 242


 162, 208, 242


 138, 198, 242

 114, 187, 242

 90, 177, 242

 66, 166, 242

 41, 156, 242

 17, 146, 242

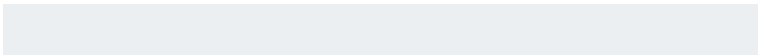
Harmonies

Analogous

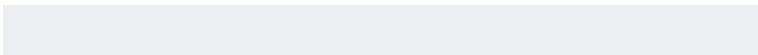
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234, 239, 241



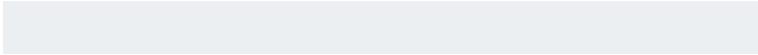
235, 239, 242



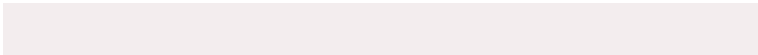
237, 238, 242

Triad

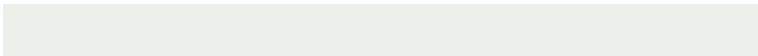
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 239, 242



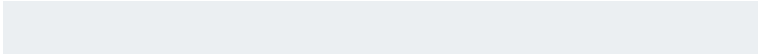
243, 237, 238



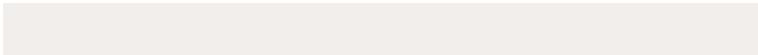
237, 239, 235

Complementary

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



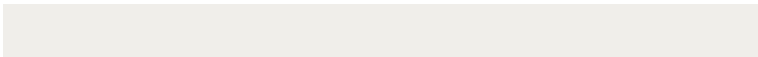
235, 239, 242



242, 238, 235

Split Complementary

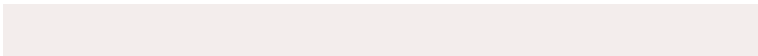
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 238, 234



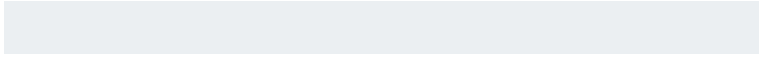
235, 239, 242



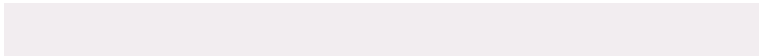
243, 237, 236

Square

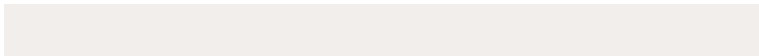
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235, 239, 242



242, 237, 240



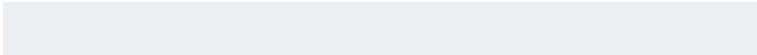
242, 238, 235



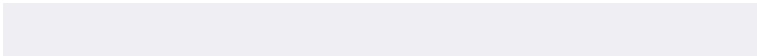
235, 239, 237

Rectangle

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



235, 239, 242



239, 238, 242



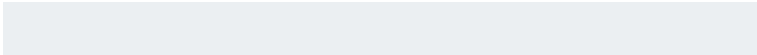
242, 238, 235



238, 239, 235

Sweetspot

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



235, 239, 242



252, 254, 255



235, 242, 238



126, 127, 128



0, 0, 0



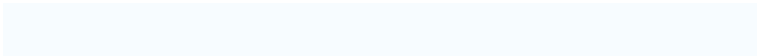
128, 128, 128

Same Dimension

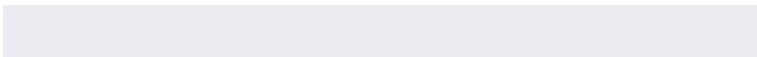
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 239, 242



247, 252, 255



235, 236, 242



115, 118, 120



0, 105, 184



0, 32, 56

Inverse Universe

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



242, 235, 239



255, 247, 252



242, 241, 235



120, 115, 118



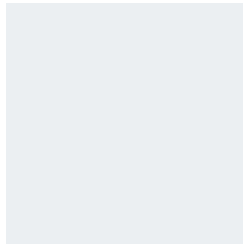
184, 0, 105



56, 0, 32

Previews

White Background



This preview shows how the RGB color 235, 239, 242 looks on a white background.

Color Contrast Check

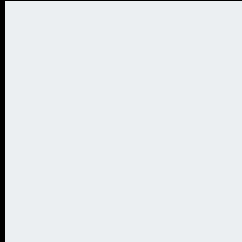
Large Text (above 18pt) WCAG AA × Fail

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 235, 239, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

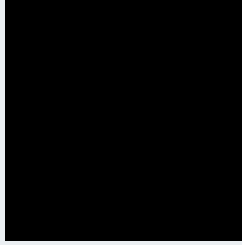
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

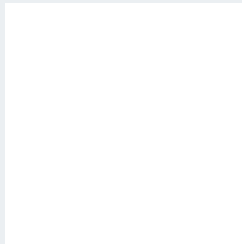
Any Text WCAG AAA ✓ Pass

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

RGB 235, 239, 242 Background



This preview shows how black text looks on a background with the RGB color 235, 239, 242.

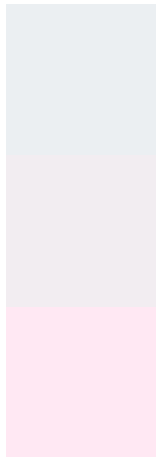


This preview shows how white text looks on a background with the RGB color 235, 239, 242.

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
235, 239, 242

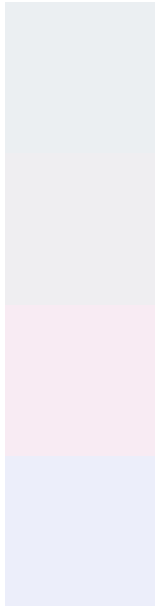
Protanopia
242, 237, 241

Deuteranopia
255, 232, 243



Tritanopia
237, 237, 255

Trichromacy



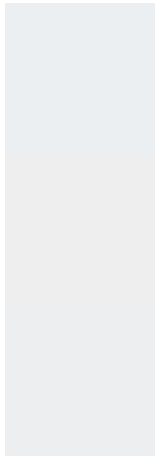
Original Color
235, 239, 242

Protanomaly
239, 238, 241

Deuteranomaly
248, 235, 243

Tritanomaly
236, 238, 250

Monochromacy



Original Color
235, 239, 242

Achromatopsia
238, 238, 238

Achromatomaly
237, 238, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 239, 242 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(235, 239, 242) looks like.

```
.text, #text, p{  
    color:rgb(235, 239, 242)  
}
```

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(235, 239, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 239, 242) }
```

Border

The CSS property to change the border of an element to RGB 235, 239, 242 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(235, 239, 242) }
```

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

```
.border{ border-color:rgb(235, 239, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 239, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 239, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 239, 242);  
box-shadow:4px 4px 4px 4px rgb(235, 239,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 235, 239, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 239, 242) }
```

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

```
.background{ background-color: rgb(235,  
239, 242) }
```

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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