

Converting Colors

RGB(230, 236, 238)

Have a look what the booklet for
RGB(230, 236, 238) contains.

RGB(230, 236, 238)	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(230, 236, 238)

Conversions

Conversions Part 1

Format	Color
Hex	E6ECEE
RGB	230, 236, 238
RGB Percent	90%, 93%, 93%
CMY	0.0980, 0.0745, 0.0667
CMYK	0.03, 0.01, 0.00, 0.07
HSL	195°, 19%, 92%
HSV	195°, 3%, 93%
XYZ	78.0612, 82.9869, 92.7927
YIQ	234.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

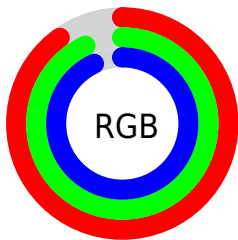
Format	Color
R _Y B	230, 233, 238
Decimal	15133934
CIE Lab	93.01, -1.62, -1.67
CIE LCh	93, 2.332, 225.833
Yxy	82.9869, 0.3075, 0.3269
Android (android.graphics.Color)	4293324014 (0xFFE6ECEE)
YUV	234.4340, 1.7580, -3.8886
Hunter-Lab	91.0972, -6.4633, 3.3745

Details

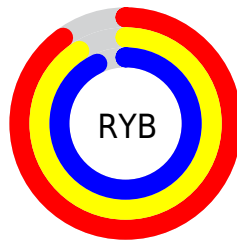
The RGB color `230, 236, 238` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `238, 232, 230`, and the grayscale version is `234, 234, 234`.

A 20% lighter version of the original color is `255, 255, 255`, and `175, 180, 182` is the 20% darker color. If you saturate the color by 10%, you get `206, 230, 238`, and if you desaturate by 10%, it is `254, 242, 238`.

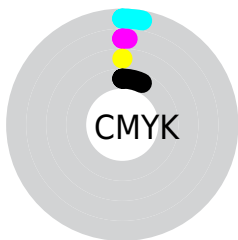
Distribution



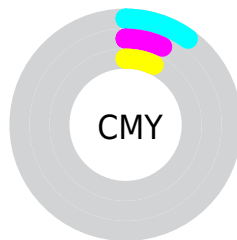
- Red (90%)
- Green (93%)
- Blue (93%)



- Red (90%)
- Yellow (91%)
- Blue (93%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 236, 238 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 230, 236, 238 by changing the saturation by 10% instead.

■ 230, 236, 238

255, 255, 255

■ 230, 236, 238

■ 202, 208, 210

■ 175, 180, 182

■ 148, 153, 155

■ 122, 128, 129

■ 97, 103, 104

■ 74, 79, 80

■ 51, 56, 57

■ 30, 34, 36

■ 5, 12, 14

230, 236, 238

230, 236, 238

206, 230, 238

254, 242, 238

182, 224, 238

255, 248, 238

159, 218, 238

255, 254, 238

135, 212, 238

255, 255, 238

111, 206, 238

87, 200, 238

63, 194, 238

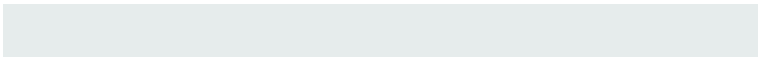
40, 188, 238

16, 182, 238

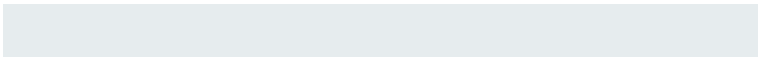
Harmonies

Analogous

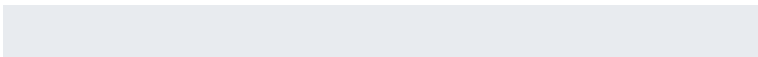
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230, 236, 236



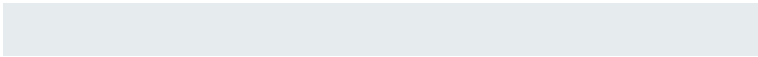
230, 236, 238



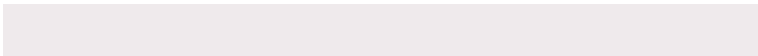
232, 235, 239

Triad

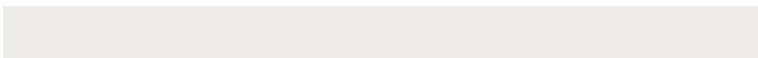
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 236, 238



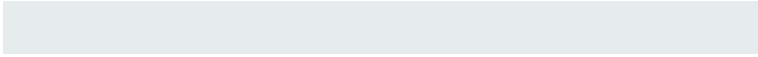
239, 234, 236



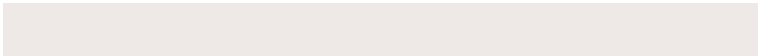
236, 235, 231

Complementary

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



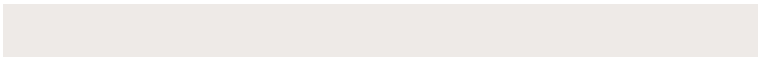
230, 236, 238



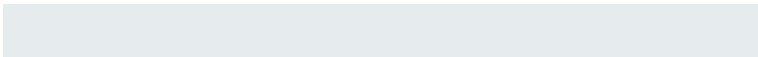
238, 232, 230

Split Complementary

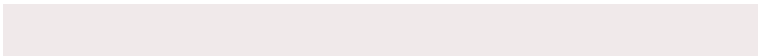
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238, 234, 231



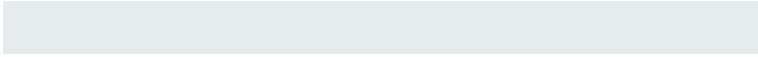
230, 236, 238



240, 233, 234

Square

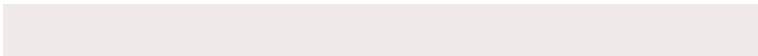
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230, 236, 238



237, 234, 238



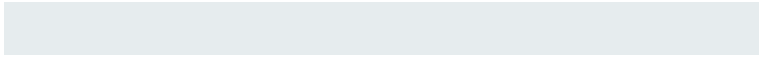
240, 234, 232



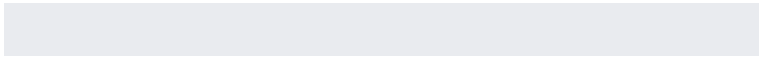
233, 236, 232

Rectangle

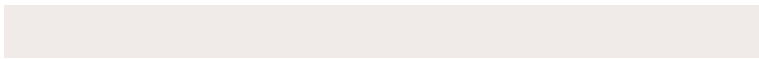
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230, 236, 238



233, 235, 239



240, 234, 232



236, 235, 230

Sweetspot

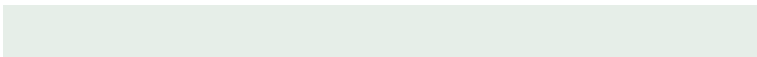
The Sweet Spot groups the original color and five complimentary colors.



230, 236, 238



252, 254, 255



230, 238, 232



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

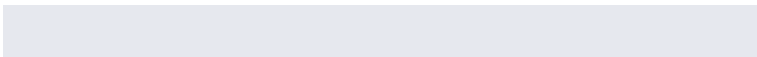
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 236, 238



245, 252, 255



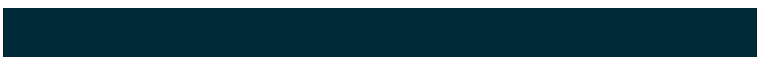
230, 232, 238



114, 118, 120



0, 138, 184



0, 42, 56

Inverse Universe

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



238, 230, 236



255, 245, 252



238, 236, 230



120, 114, 118



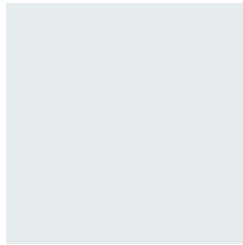
184, 0, 138



56, 0, 42

Previews

White Background



This preview shows how the RGB color 230, 236, 238 looks on a white background.

Color Contrast Check

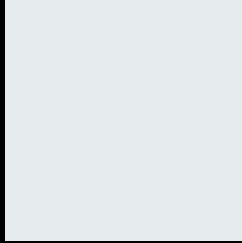
Large Text (above 18pt) WCAG AA × Fail

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 230, 236, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

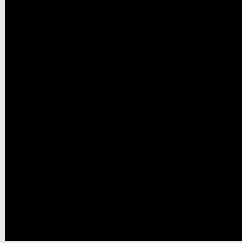
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

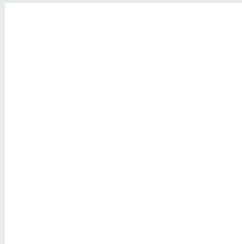
Any Text WCAG AAA ✓ Pass

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

RGB 230, 236, 238 Background



This preview shows how black text looks on a background with the RGB color 230, 236, 238.



This preview shows how white text looks on a background with the RGB color 230, 236, 238.

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

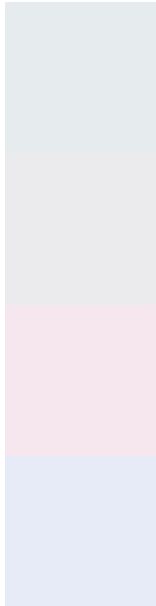




Tritanopia

232, 234, 252

Trichromacy



Original Color

230, 236, 238

Protanomaly

235, 235, 237

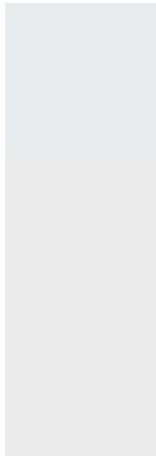
Deuteranomaly

246, 231, 239

Tritanomaly

231, 235, 247

Monochromacy



Original Color

230, 236, 238

Achromatopsia

234, 234, 234

Achromatomaly

233, 235, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 236, 238 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(230, 236, 238) looks like.

```
.text, #text, p{  
    color:rgb(230, 236, 238)  
}
```

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(230, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 236, 238) }
```

Border

The CSS property to change the border of an element to RGB 230, 236, 238 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(230, 236, 238) }
```

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

```
.border{ border-color:rgb(230, 236, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 236, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(230, 236,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 230, 236, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 236, 238) }
```

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

```
.background{ background-color: rgb(230,  
236, 238) }
```

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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