

Converting Colors

RGB(230, 230, 238)

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

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Color

RGB(230, 230, 238)

Conversions

Conversions Part 1

Format	Color
Hex	E6E6EE
RGB	230, 230, 238
RGB Percent	90%, 90%, 93%
CMY	0.0980, 0.0980, 0.0667
CMYK	0.03, 0.03, 0.00, 0.07
HSL	240°, 19%, 92%
HSV	240°, 3%, 93%
XYZ	76.3626, 79.5897, 92.2265
YIQ	230.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

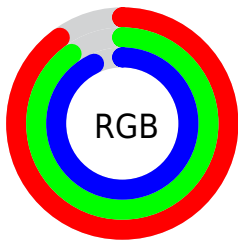
Format	Color
R _{YB}	230, 230, 238
Decimal	15132398
CIE Lab	91.50, 1.46, -3.89
CIE LCh	92, 4.150, 290.526
Yxy	79.5897, 0.3077, 0.3207
Android (android.graphics.Color)	4293322478 (0xFFE6E6EE)
YUV	230.9120, 3.4944, -0.7998
Hunter-Lab	89.2130, -3.3344, 1.1564

Details

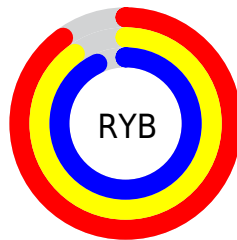
The RGB color **230, 230, 238** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **238, 238, 230**, and the grayscale version is **231, 231, 231**.

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

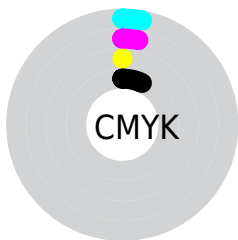
Distribution



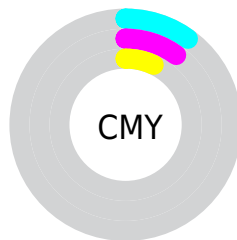
- Red (90%)
- Green (90%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

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

■ 230, 230, 238

255, 255, 255

■ 230, 230, 238

■ 202, 202, 210

■ 175, 175, 182

■ 148, 148, 155

■ 122, 122, 129

■ 97, 97, 104

■ 74, 74, 80

■ 51, 51, 57

■ 30, 30, 36


■ 5, 5, 14

 230, 230, 238

 230, 230, 238

 206, 206, 238


 254, 254, 238

 182, 182, 238

 255, 255, 238

 159, 159, 238


 135, 135, 238

 111, 111, 238

 87, 87, 238

 63, 63, 238

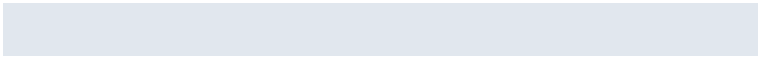
 40, 40, 238

 16, 16, 238

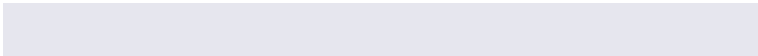
Harmonies

Analogous

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



225, 231, 238



230, 230, 238



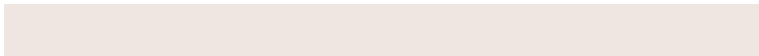
235, 229, 236

Triad

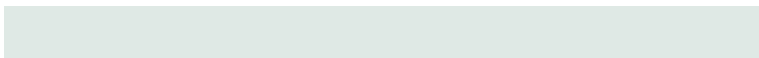
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 230, 238



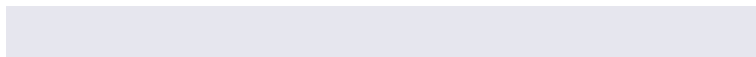
239, 229, 225



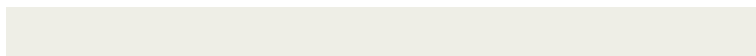
223, 233, 229

Complementary

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



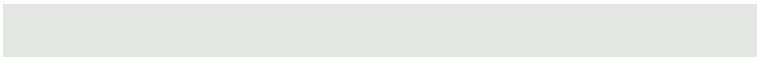
230, 230, 238



238, 238, 230

Split Complementary

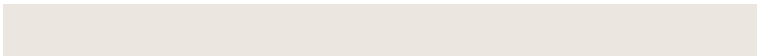
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226, 232, 225



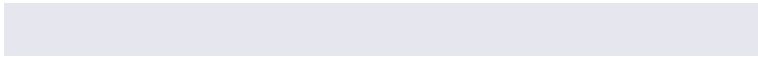
230, 230, 238



235, 230, 223

Square

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



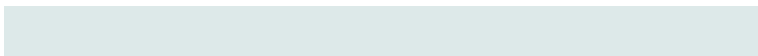
230, 230, 238



240, 228, 228



231, 231, 223



221, 233, 233

Rectangle

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



230, 230, 238



237, 228, 233



231, 231, 223



224, 233, 228

Sweetspot

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



230, 230, 238



252, 252, 255



230, 238, 238



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 230, 238



245, 245, 255



234, 230, 238



114, 114, 120



0, 0, 184



0, 0, 56

Inverse Universe

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



238, 230, 238



255, 245, 255



234, 238, 230



120, 114, 120



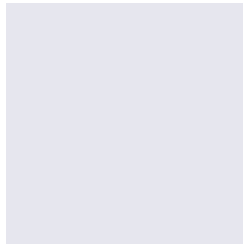
184, 0, 184



56, 0, 56

Previews

White Background



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

Color Contrast Check

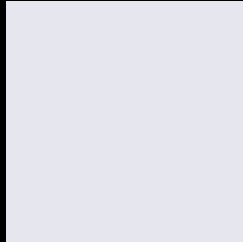
Large Text (above 18pt) WCAG AA × Fail

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, 230, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

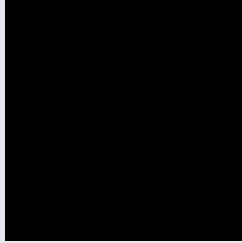
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

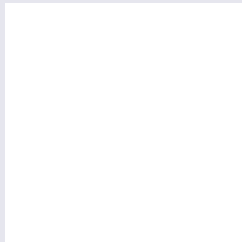
Any Text WCAG AAA ✓ Pass

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

RGB 230, 230, 238 Background



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

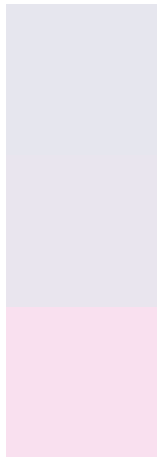


This preview shows how white text looks on a background with the RGB color 230, 230, 238.

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



Original Color
230, 230, 238

Protanopia
233, 229, 238

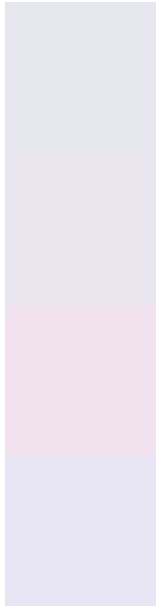
Deuteranopia
249, 224, 239



Tritanopia

231, 229, 247

Trichromacy



Original Color

230, 230, 238

Protanomaly

232, 229, 238

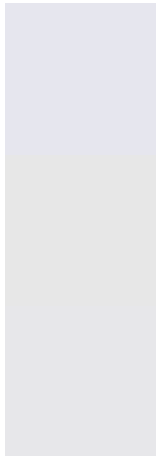
Deuteranomaly

242, 226, 239

Tritanomaly

231, 229, 244

Monochromacy



Original Color

230, 230, 238

Achromatopsia

231, 231, 231

Achromatomaly

231, 231, 234

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(230, 230, 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, 230, 238) colored shadow looks like.

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

Border

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

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

```
.border{ border-color:rgb(230, 230, 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, 230, 238)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RGB 230, 230, 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, 230, 238) }
```

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

```
.background{ background-color: rgb(230,  
230, 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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