

Converting Colors

RGB(230, 231, 239)

Have a look what the booklet for
RGB(230, 231, 239) contains.

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Color

RGB(230, 231, 239)

Conversions

Conversions Part 1

Format	Color
Hex	E6E7EF
RGB	230, 231, 239
RGB Percent	90%, 91%, 94%
CMY	0.0980, 0.0941, 0.0627
CMYK	0.04, 0.03, 0.00, 0.06
HSL	233°, 22%, 92%
HSV	233°, 4%, 94%
XYZ	76.7890, 80.2068, 93.0956
YIQ	231.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

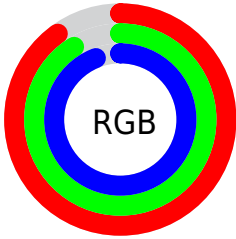
Format	Color
R _{YB}	230, 231, 239
Decimal	15132655
CIE Lab	91.78, 1.12, -4.00
CIE LCh	92, 4.156, 285.695
Yxy	80.2068, 0.3070, 0.3207
Android (android.graphics.Color)	4293322735 (0xFFE6E7EF)
YUV	231.6130, 3.6418, -1.4146
Hunter-Lab	89.5583, -3.6775, 1.0590

Details

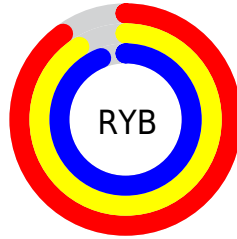
The RGB color **230, 231, 239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **239, 238, 230**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 175, 183** is the 20% darker color. If you saturate the color by 10%, you get **206, 210, 239**, and if you desaturate by 10%, it is 254, 252, 239.

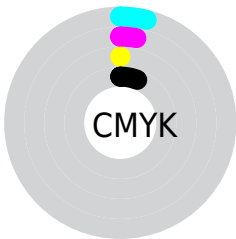
Distribution



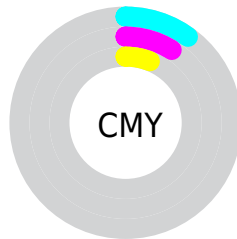
- Red (90%)
- Green (91%)
- Blue (94%)



- Red (90%)
- Yellow (91%)
- Blue (94%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 231, 239 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, 231, 239 by changing the saturation by 10% instead.

■ 230, 231, 239

255, 255, 255

■ 230, 231, 239

■ 202, 203, 211

■ 175, 175, 183

■ 148, 149, 156

■ 122, 123, 130

■ 97, 98, 105

■ 74, 74, 81

■ 51, 52, 58

■ 30, 31, 36


■ 5, 6, 15

 230, 231, 239

 230, 231, 239


 206, 210, 239


 254, 252, 239


 182, 189, 239

 255, 255, 239

 158, 167, 239

 134, 146, 239

 110, 125, 239

 87, 104, 239

 63, 82, 239

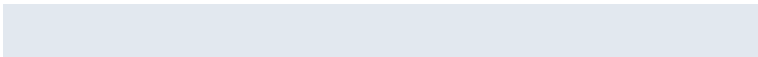
 39, 61, 239

 15, 40, 239

Harmonies

Analogous

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



226, 232, 239



230, 231, 239



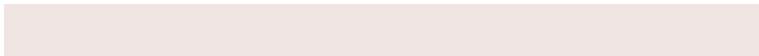
235, 230, 237

Triad

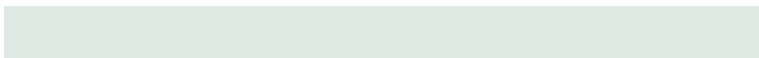
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 231, 239



240, 229, 226



224, 234, 229

Complementary

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



230, 231, 239



239, 238, 230

Split Complementary

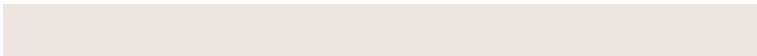
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228, 233, 226



230, 231, 239



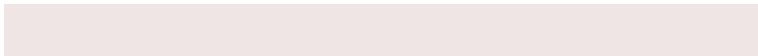
237, 230, 224

Square

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



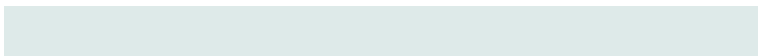
230, 231, 239



240, 229, 229



233, 232, 224



222, 234, 233

Rectangle

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



230, 231, 239



237, 229, 235



233, 232, 224



225, 234, 228

Sweetspot

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



230, 231, 239



252, 253, 255



230, 239, 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, 231, 239



242, 244, 255



233, 230, 239



113, 113, 120



0, 20, 184



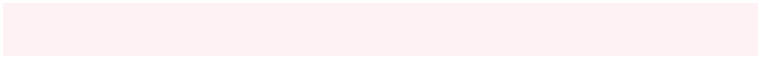
0, 6, 56

Inverse Universe

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



239, 230, 231



255, 242, 244



236, 239, 230



120, 113, 113



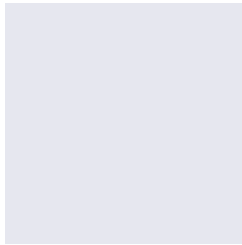
184, 0, 20



56, 0, 6

Previews

White Background



This preview shows how the RGB color 230, 231, 239 looks on a white background.

Color Contrast Check

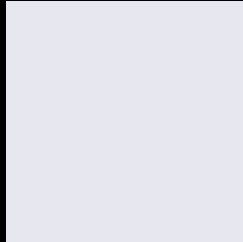
Large Text (above 18pt) WCAG AA × Fail

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, 231, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

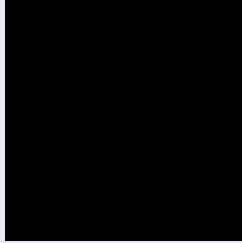
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

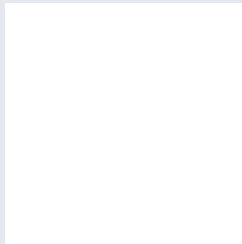
Any Text WCAG AAA ✓ Pass

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

RGB 230, 231, 239 Background



This preview shows how black text looks on a background with the RGB color 230, 231, 239.



This preview shows how white text looks on a background with the RGB color 230, 231, 239.

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

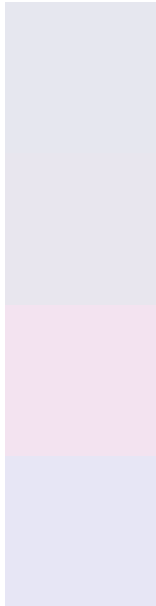




Tritanopia

231, 230, 248

Trichromacy



Original Color

230, 231, 239

Protanomaly

232, 230, 238

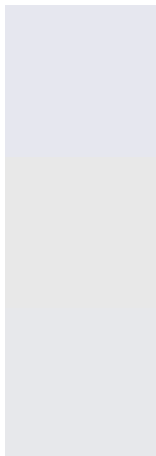
Deuteranomaly

243, 227, 240

Tritanomaly

231, 230, 245

Monochromacy



Original Color

230, 231, 239

Achromatopsia

232, 232, 232

Achromatomaly

231, 232, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 231, 239 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, 231, 239) looks like.

```
.text, #text, p{  
    color:rgb(230, 231, 239)  
}
```

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, 231, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 231, 239) }
```

Border

The CSS property to change the border of an element to RGB 230, 231, 239 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, 231, 239) }
```

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

```
.border{ border-color:rgb(230, 231, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 231, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 231, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 231, 239);  
box-shadow:4px 4px 4px 4px rgb(230, 231,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 230, 231, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 231, 239) }
```

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

```
.background{ background-color: rgb(230,  
231, 239) }
```

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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