

Converting Colors

RGB(231, 230, 246)

Have a look what the booklet for
RGB(231, 230, 246) contains.

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Color

RGB(231, 230, 246)

Conversions

Conversions Part 1

Format	Color
Hex	E7E6F6
RGB	231, 230, 246
RGB Percent	91%, 90%, 96%
CMY	0.0941, 0.0980, 0.0353
CMYK	0.06, 0.07, 0.00, 0.04
HSL	244°, 47%, 93%
HSV	244°, 7%, 96%
XYZ	77.8864, 80.2364, 98.5709
YIQ	232.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

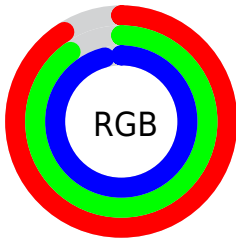
Format	Color
R _Y B	231, 230, 246
Decimal	15197942
CIE Lab	91.79, 3.28, -7.63
CIE LCh	92, 8.303, 293.232
Yxy	80.2364, 0.3034, 0.3126
Android (android.graphics.Color)	4293388022 (0xFFE7E6F6)
YUV	232.1230, 6.8414, -0.9849
Hunter-Lab	89.5748, -1.5479, -2.5423

Details

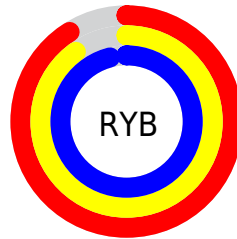
The RGB color **231, 230, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **245, 246, 230**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 175, 190** is the 20% darker color. If you saturate the color by 10%, you get **208, 205, 246**, and if you desaturate by 10%, it is 254, 255, 246.

Distribution



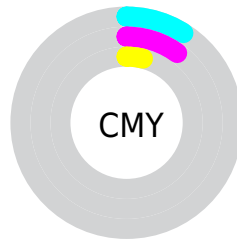
- Red (91%)
- Green (90%)
- Blue (96%)



- Red (91%)
- Yellow (90%)
- Blue (96%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 230, 246 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 231, 230, 246 by changing the saturation by 10% instead.

■ 231, 230, 246

255, 255, 255

■ 231, 230, 246

■ 203, 202, 218

■ 175, 175, 190

■ 149, 148, 163

■ 123, 122, 136

■ 98, 97, 111

■ 74, 74, 87

■ 52, 51, 63

■ 30, 30, 41


■ 6, 5, 21

 231, 230, 246


 231, 230, 246

 208, 205, 246

 254, 255, 246

 185, 181, 246

 255, 255, 246

 162, 156, 246


 139, 132, 246

 116, 107, 246

 93, 82, 246

 70, 58, 246

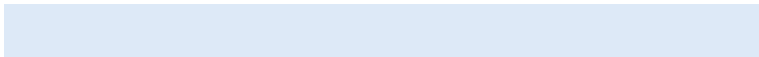
 47, 33, 246

 23, 9, 246

Harmonies

Analogous

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



221, 233, 247



231, 230, 246



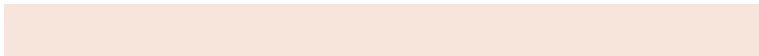
240, 228, 241

Triad

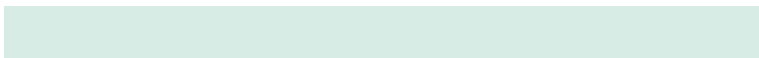
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231, 230, 246



247, 228, 219



215, 236, 229

Complementary

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



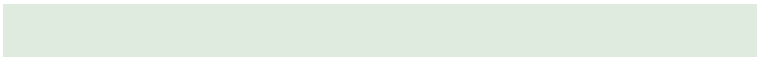
231, 230, 246



245, 246, 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.



222, 235, 222



231, 230, 246



240, 230, 216

Square

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



231, 230, 246



249, 226, 225



231, 233, 217



212, 236, 237

Rectangle

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



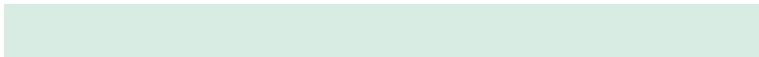
231, 230, 246



245, 227, 236



231, 233, 217



217, 236, 227

Sweetspot

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



231, 230, 246



250, 250, 255



230, 245, 246



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



231, 230, 246



236, 235, 255



239, 230, 246



111, 110, 122



12, 0, 186



4, 0, 59

Inverse Universe

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



246, 230, 245



255, 235, 254



237, 246, 230



122, 110, 122



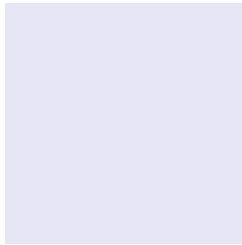
186, 0, 175



59, 0, 55

Previews

White Background



This preview shows how the RGB color 231, 230, 246 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 231, 230, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

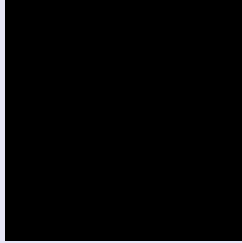
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

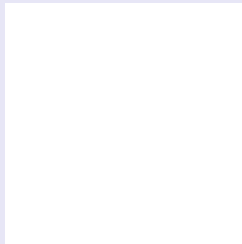
Any Text WCAG AAA ✓ Pass

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

RGB 231, 230, 246 Background



This preview shows how black text looks on a background with the RGB color 231, 230, 246.

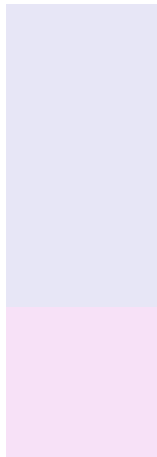


This preview shows how white text looks on a background with the RGB color 231, 230, 246.

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
[231](#), [230](#), [246](#)

Protanopia
[231](#), [230](#), [246](#)

Deuteranopia
[247](#), [225](#), [247](#)



Tritanopia

231, 230, 248

Trichromacy



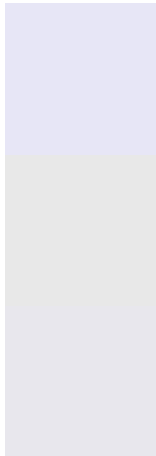
Original Color
231, 230, 246

Protanomaly
231, 230, 246

Deuteranomaly
241, 227, 247

Tritanomaly
231, 230, 247

Monochromacy



Original Color
231, 230, 246

Achromatopsia
232, 232, 232

Achromatomaly
232, 231, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 230, 246 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(231, 230, 246) looks like.

```
.text, #text, p{  
    color:rgb(231, 230, 246)  
}
```

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(231, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 230, 246) }
```

Border

The CSS property to change the border of an element to RGB 231, 230, 246 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(231, 230, 246) }
```

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

```
.border{ border-color:rgb(231, 230, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 230, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 230, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 230, 246);  
box-shadow:4px 4px 4px 4px rgb(231, 230,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 231, 230, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 230, 246) }
```

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

```
.background{ background-color: rgb(231,  
230, 246) }
```

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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