

Converting Colors

RGB(231, 226, 239)

Have a look what the booklet for
RGB(231, 226, 239) contains.

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Color

RGB(231, 226, 239)

Conversions

Conversions Part 1

Format	Color
Hex	E7E2EF
RGB	231, 226, 239
RGB Percent	91%, 89%, 94%
CMY	0.0941, 0.1137, 0.0627
CMYK	0.03, 0.05, 0.00, 0.06
HSL	263°, 29%, 91%
HSV	263°, 5%, 94%
XYZ	75.7313, 77.6136, 92.6508
YIQ	228.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

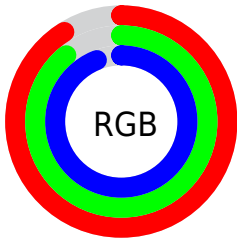
Format	Color
R _Y B	231, 226, 239
Decimal	15196911
CIE Lab	90.60, 4.04, -5.72
CIE LCh	91, 7.004, 305.204
Yxy	77.6136, 0.3079, 0.3155
Android (android.graphics.Color)	4293386991 (0xFFE7E2EF)
YUV	228.9770, 4.9413, 1.7742
Hunter-Lab	88.0986, -0.7303, -0.6846

Details

The RGB color **231, 226, 239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **234, 239, 226**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 171, 183** is the 20% darker color. If you saturate the color by 10%, you get **216, 202, 239**, and if you desaturate by 10%, it is **246, 250, 239**.

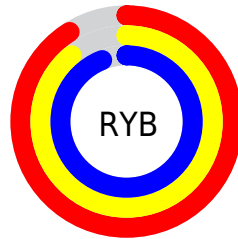
Distribution



Red (91%)

Green (89%)

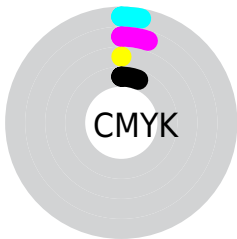
Blue (94%)



Red (91%)

Yellow (89%)

Blue (94%)

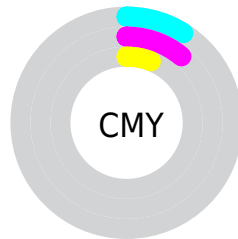


Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (9%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 226, 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 231, 226, 239 by changing the saturation by 10% instead.

■ 231, 226, 239

255, 255, 255

■ 231, 226, 239

■ 203, 198, 211

■ 175, 171, 183

■ 149, 144, 156

■ 123, 119, 130

■ 98, 94, 105

■ 74, 70, 81

■ 52, 48, 58

■ 31, 27, 36

■ 6, 0, 15

231, 226, 239

231, 226, 239

216, 202, 239

246, 250, 239

202, 178, 239

255, 255, 239

187, 154, 239

172, 130, 239

157, 106, 239

143, 83, 239

128, 59, 239

113, 35, 239

99, 11, 239

Harmonies

Analogous

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



223, 228, 241



231, 226, 239



238, 224, 234

Triad

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



231, 226, 239



239, 226, 216



213, 232, 229

Complementary

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



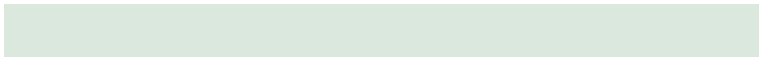
231, 226, 239



234, 239, 226

Split Complementary

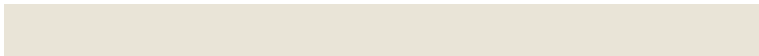
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218, 232, 222



231, 226, 239



233, 228, 215

Square

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



231, 226, 239



243, 224, 221



225, 230, 217



212, 232, 235

Rectangle

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



231, 226, 239



241, 224, 229



225, 230, 217



214, 232, 227

Sweetspot

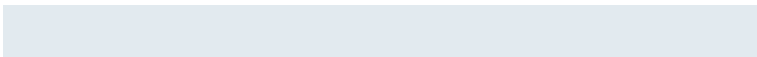
The Sweet Spot groups the original color and five complimentary colors.



231, 226, 239



252, 250, 255



226, 234, 239



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



231, 226, 239



244, 237, 255



237, 226, 239



114, 110, 120



71, 0, 184



22, 0, 56

Inverse Universe

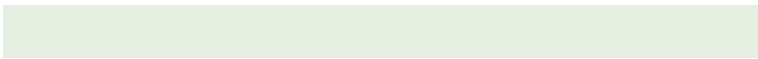
The Inverse Universe completely reimagines the original color for something new.



239, 226, 234



255, 237, 248



228, 239, 226



120, 110, 116



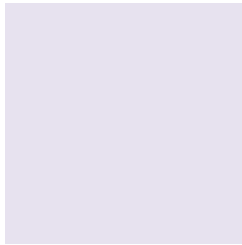
184, 0, 113



56, 0, 35

Previews

White Background



This preview shows how the RGB color 231, 226, 239 looks on a white background.

Color Contrast Check

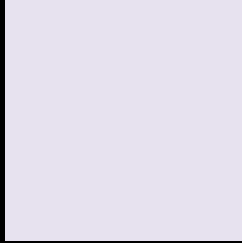
Large Text (above 18pt) WCAG AA × Fail

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 231, 226, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

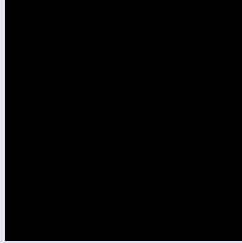
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

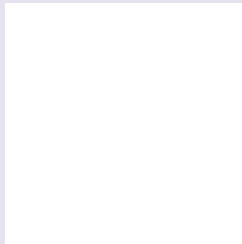
Any Text WCAG AAA ✓ Pass

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

RGB 231, 226, 239 Background



This preview shows how black text looks on a background with the RGB color 231, 226, 239.

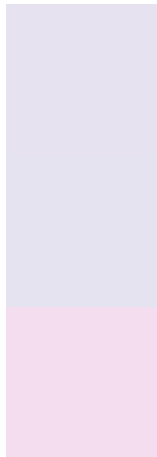


This preview shows how white text looks on a background with the RGB color 231, 226, 239.

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



Original Color
231, 226, 239

Protanopia
229, 227, 239

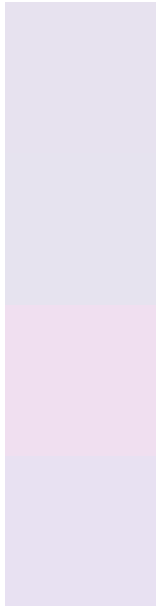
Deuteranopia
245, 221, 240



Tritanopia

232, 225, 243

Trichromacy



Original Color

231, 226, 239

Protanomaly

230, 227, 239

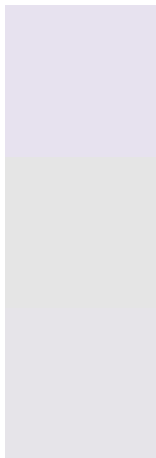
Deuteranomaly

240, 223, 240

Tritanomaly

232, 225, 242

Monochromacy



Original Color

231, 226, 239

Achromatopsia

229, 229, 229

Achromatomaly

230, 228, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 226, 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(231, 226, 239) looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 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(231, 226, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 239) }
```

Border

The CSS property to change the border of an element to RGB 231, 226, 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(231, 226, 239) }
```

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

```
.border{ border-color:rgb(231, 226, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 226, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 226, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 226, 239); box-shadow:4px 4px 4px 4px rgb(231, 226, 239) }
```

Background

The CSS property to change the background color of an element to RGB 231, 226, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 239) }
```

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

```
.background{ background-color: rgb(231,  
226, 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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