

Converting Colors

RGB(231, 224, 246)

Have a look what the booklet for
RGB(231, 224, 246) contains.

RGB(231, 224, 246)	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(231, 224, 246)

Conversions

Conversions Part 1

Format	Color
Hex	E7E0F6
RGB	231, 224, 246
RGB Percent	91%, 88%, 96%
CMY	0.0941, 0.1216, 0.0353
CMYK	0.06, 0.09, 0.00, 0.04
HSL	259°, 55%, 92%
HSV	259°, 9%, 96%
XYZ	76.2452, 76.9541, 98.0238
YIQ	228.6010, -2.8900, 8.3260

Conversions

Conversions Part 2

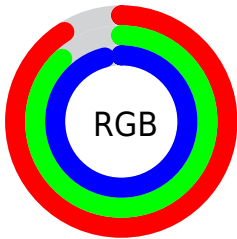
Format	Color
R _Y B	231, 224, 246
Decimal	15196406
CIE Lab	90.30, 6.39, -9.84
CIE LCh	90, 11.733, 302.995
Yxy	76.9541, 0.3035, 0.3063
Android (android.graphics.Color)	4293386486 (0xFFE7E0F6)
YUV	228.6010, 8.5777, 2.1039
Hunter-Lab	87.7235, 1.6280, -4.8453

Details

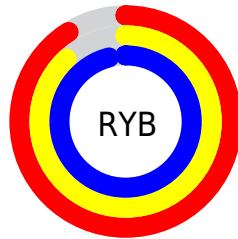
The RGB color `231, 224, 246` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `239, 246, 224`, and the grayscale version is `229, 229, 229`.

A 20% lighter version of the original color is `255, 255, 255`, and `175, 169, 190` is the 20% darker color. If you saturate the color by 10%, you get `214, 199, 246`, and if you desaturate by 10%, it is `248, 249, 246`.

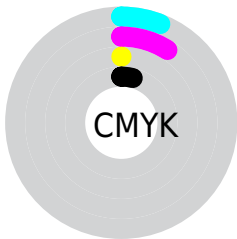
Distribution



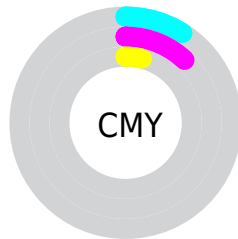
- Red (91%)
- Green (88%)
- Blue (96%)



- Red (91%)
- Yellow (88%)
- Blue (96%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 224, 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, 224, 246 by changing the saturation by 10% instead.

■ 231, 224, 246

255, 255, 255

■ 231, 224, 246

■ 203, 196, 218

■ 175, 169, 190

■ 149, 142, 163

■ 123, 117, 136

■ 98, 92, 111

■ 74, 69, 87


■ 51, 46, 63

■ 30, 26, 41

■ 6, 0, 21

 231, 224, 246


 231, 224, 246


 214, 199, 246


 248, 249, 246


 197, 175, 246

 255, 255, 246

 181, 150, 246

 164, 126, 246

 147, 101, 246

 130, 76, 246

 114, 52, 246

 97, 27, 246

 80, 3, 246

Harmonies

Analogous

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



217, 228, 249



231, 224, 246



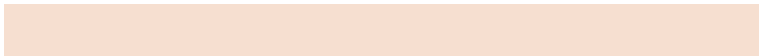
243, 221, 238

Triad

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



231, 224, 246



246, 223, 208



202, 234, 228

Complementary

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



231, 224, 246



239, 246, 224

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.



210, 233, 217



231, 224, 246



236, 227, 205

Square

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



231, 224, 246



251, 221, 215



223, 230, 208



200, 233, 239

Rectangle

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



231, 224, 246



249, 220, 230



223, 230, 208



204, 234, 224

Sweetspot

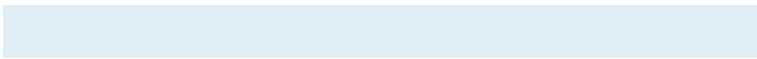
The Sweet Spot groups the original color and five complimentary colors.



231, 224, 246



250, 247, 255



224, 239, 246



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



231, 224, 246



236, 227, 255



242, 224, 246



114, 110, 122



59, 0, 186



19, 0, 59

Inverse Universe

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



246, 224, 239



255, 227, 246



228, 246, 224



122, 110, 119



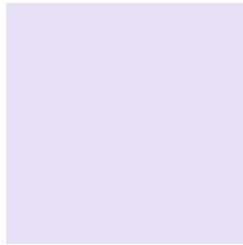
186, 0, 127



59, 0, 40

Previews

White Background



This preview shows how the RGB color 231, 224, 246 looks on a white background.

Color Contrast Check

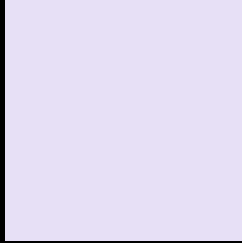
Large Text (above 18pt) WCAG AA × Fail

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, 224, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

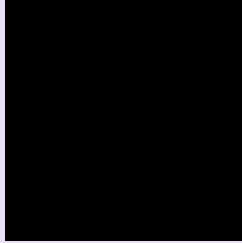
Any Text WCAG AA ✓ Pass

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, 224, 246 Background



This preview shows how black text looks on a background with the RGB color 231, 224, 246.

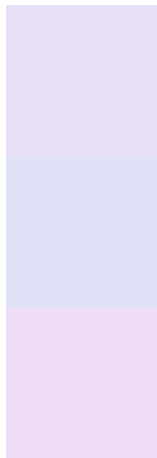


This preview shows how white text looks on a background with the RGB color 231, 224, 246.

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, 224, 246

Protanopia
225, 226, 247

Deuteranopia
240, 221, 247



Tritanopia

230, 225, 242

Trichromacy



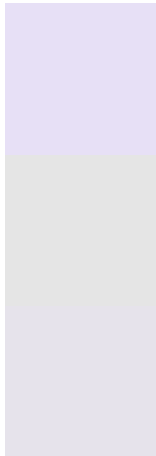
Original Color
231, 224, 246

Protanomaly
227, 225, 247

Deuteranomaly
237, 222, 247

Tritanomaly
230, 225, 243

Monochromacy



Original Color
231, 224, 246

Achromatopsia
229, 229, 229

Achromatomaly
230, 227, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 224, 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, 224, 246)` looks like.

```
.text, #text, p{  
    color:rgb(231, 224, 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, 224, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 224, 246) }
```

Border

The CSS property to change the border of an element to RGB 231, 224, 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, 224, 246) }
```

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

```
.border{ border-color:rgb(231, 224, 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, 224, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 224, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 224, 246);  
box-shadow:4px 4px 4px 4px rgb(231, 224,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 231, 224, 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, 224, 246) }
```

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

```
.background{ background-color: rgb(231,  
224, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor