

Converting Colors

RGB(226, 216, 232)

Have a look what the booklet for
RGB(226, 216, 232) contains.

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Color

RGB(226, 216, 232)

Conversions

Conversions Part 1

Format	Color
Hex	E2D8E8
RGB	226, 216, 232
RGB Percent	89%, 85%, 91%
CMY	0.1137, 0.1529, 0.0902
CMYK	0.03, 0.07, 0.00, 0.09
HSL	278°, 26%, 88%
HSV	278°, 7%, 91%
XYZ	70.4854, 71.1067, 86.3539
YIQ	220.8140, 0.8240, 7.0960

Conversions

Conversions Part 2

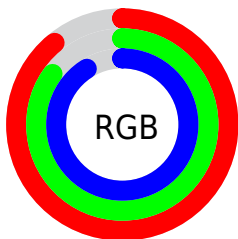
Format	Color
R _Y B	226, 216, 232
Decimal	14866664
CIE Lab	87.54, 6.30, -6.62
CIE LCh	88, 9.132, 313.579
Yxy	71.1067, 0.3092, 0.3119
Android (android.graphics.Color)	4293056744 (0xFFE2D8E8)
YUV	220.8140, 5.5147, 4.5481
Hunter-Lab	84.3248, 1.6362, -1.6894

Details

The RGB color **226, 216, 232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 232, 216**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 161, 176** is the 20% darker color. If you saturate the color by 10%, you get **217, 193, 232**, and if you desaturate by 10%, it is **235, 239, 232**.

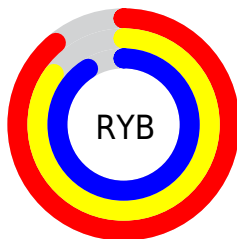
Distribution



Red (89%)

Green (85%)

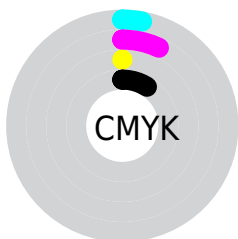
Blue (91%)



Red (89%)

Yellow (85%)

Blue (91%)

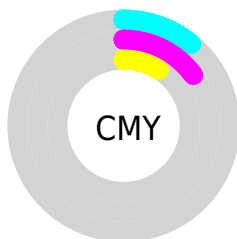


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 216, 232 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 226, 216, 232 by changing the saturation by 10% instead.

■ 226, 216, 232

255, 255, 255

■ 226, 216, 232

■ 198, 188, 204

■ 171, 161, 176

■ 144, 135, 150

■ 119, 110, 124

■ 94, 85, 99

■ 70, 62, 75


■ 48, 40, 53

■ 27, 20, 31

■ 0, 0, 6

 226, 216, 232


 226, 216, 232

 217, 193, 232


 235, 239, 232

 209, 170, 232


 243, 255, 232

 200, 146, 232


 252, 255, 232


 191, 123, 232

 255, 255, 232

 183, 100, 232

 174, 77, 232

 165, 54, 232

 156, 30, 232

 148, 7, 232

Harmonies

Analogous

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



215, 219, 236



226, 216, 232



234, 214, 225

Triad

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



226, 216, 232



232, 217, 203



199, 225, 223

Complementary

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



226, 216, 232



222, 232, 216

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.



204, 224, 214



226, 216, 232



223, 220, 203

Square

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



226, 216, 232



237, 215, 208



212, 223, 207



199, 224, 231

Rectangle

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



226, 216, 232



238, 214, 219



212, 223, 207



200, 225, 220

Sweetspot

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



226, 216, 232



253, 250, 255



216, 222, 232



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 216, 232



247, 235, 255



232, 216, 230



110, 103, 115



112, 0, 179



32, 0, 51

Inverse Universe

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



232, 216, 222



255, 235, 242



216, 232, 218



115, 103, 108



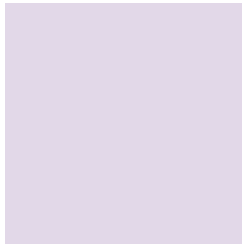
179, 0, 67



51, 0, 19

Previews

White Background



This preview shows how the RGB color 226, 216, 232 looks on a white background.

Color Contrast Check

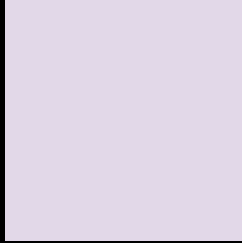
Large Text (above 18pt) WCAG AA × Fail

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 226, 216, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

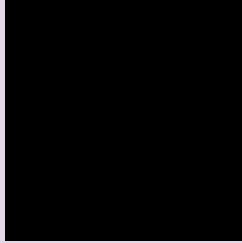
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

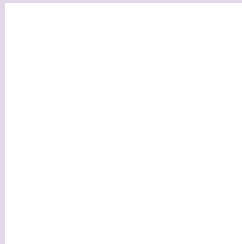
Any Text WCAG AAA ✓ Pass

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

RGB 226, 216, 232 Background



This preview shows how black text looks on a background with the RGB color 226, 216, 232.

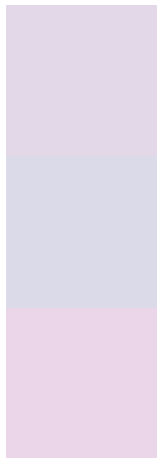


This preview shows how white text looks on a background with the RGB color 226, 216, 232.

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](#).

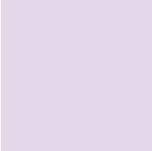
Dichromacy



Original Color
226, 216, 232

Protanopia
219, 218, 233

Deuteranopia
235, 213, 233



Tritanopia
226, 216, 233

Trichromacy



Original Color

226, 216, 232

Protanomaly

222, 217, 233

Deuteranomaly

232, 214, 233

Tritanomaly

226, 216, 233

Monochromacy



Original Color

226, 216, 232

Achromatopsia

221, 221, 221

Achromatomaly

223, 219, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 216, 232 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(226, 216, 232) looks like.

```
.text, #text, p{  
    color:rgb(226, 216, 232)  
}
```

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(226, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 216, 232) }
```

Border

The CSS property to change the border of an element to RGB 226, 216, 232 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(226, 216, 232) }
```

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

```
.border{ border-color:rgb(226, 216, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(226, 216,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 226, 216, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 216, 232) }
```

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

```
.background{ background-color: rgb(226,  
216, 232) }
```

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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