

Converting Colors

RGB(222, 216, 233)

Have a look what the booklet for
RGB(222, 216, 233) contains.

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Color

RGB(222, 216, 233)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DED8E9 |
| RGB | 222, 216, 233 |
| RGB Percent | 87%, 85%, 91% |
| CMY | 0.1294, 0.1529, 0.0863 |
| CMYK | 0.05, 0.07, 0.00, 0.09 |
| HSL | 261°, 28%, 88% |
| HSV | 261°, 7%, 91% |
| XYZ | 69.3880, 70.5245, 87.0462 |
| YIQ | 219.7320, -1.8810, 6.5590 |

Conversions

Conversions Part 2

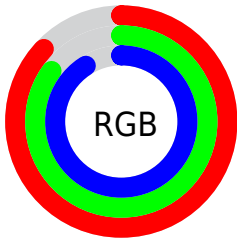
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 222, 216, 233 |
| Decimal | 14604521 |
| CIE Lab | 87.25, 5.16, -7.60 |
| CIE LCh | 87, 9.182, 304.160 |
| Yxy | 70.5245, 0.3057, 0.3107 |
| Android (android.graphics.Color) | 4292794601 (0xFFDED8E9) |
| YUV | 219.7320, 6.5411, 1.9890 |
| Hunter-Lab | 83.9789, 0.5236, -2.6704 |

Details

The RGB color **222, 216, 233** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 233, 216**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **167, 161, 177** is the 20% darker color. If you saturate the color by 10%, you get **207, 193, 233**, and if you desaturate by 10%, it is **237, 239, 233**.

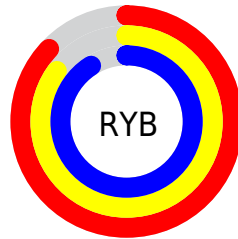
Distribution



Red (87%)

Green (85%)

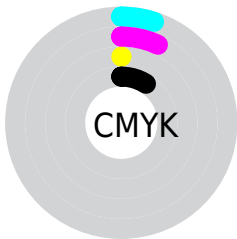
Blue (91%)



Red (87%)

Yellow (85%)

Blue (91%)

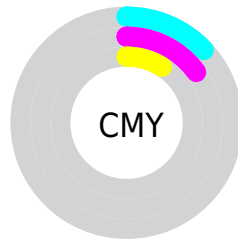


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (13%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 216, 233 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 222, 216, 233 by changing the saturation by 10% instead.

■ 222, 216, 233

255, 255, 255

■ 222, 216, 233

■ 194, 188, 205

■ 167, 161, 177

■ 140, 135, 151

■ 115, 110, 125

■ 90, 85, 100

■ 67, 62, 76


■ 45, 40, 53

■ 24, 20, 32


■ 0, 0, 7

 222, 216, 233


 222, 216, 233

 207, 193, 233


 237, 239, 233


 192, 169, 233

 252, 255, 233

 177, 146, 233


 255, 255, 233


 162, 123, 233

 147, 100, 233

 132, 76, 233

 116, 53, 233

 101, 30, 233

 86, 6, 233

Harmonies

Analogous

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



211, 219, 236



222, 216, 233



231, 214, 226

Triad

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



222, 216, 233



233, 216, 203



199, 224, 219

Complementary

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



222, 216, 233



227, 233, 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.



205, 223, 211



222, 216, 233



225, 218, 201

Square

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



222, 216, 233



237, 213, 209



215, 221, 204



198, 223, 228

Rectangle

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



222, 216, 233



236, 213, 221



215, 221, 204



200, 224, 216

Sweetspot

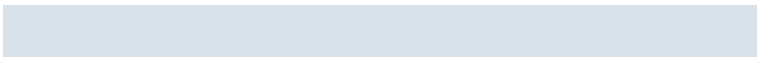
The Sweet Spot groups the original color and five complimentary colors.



222, 216, 233



252, 250, 255



216, 227, 233



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



222, 216, 233



240, 232, 255



230, 216, 233



110, 106, 117



64, 0, 181



19, 0, 54

Inverse Universe

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



233, 216, 227



255, 232, 247



219, 233, 216



117, 106, 113



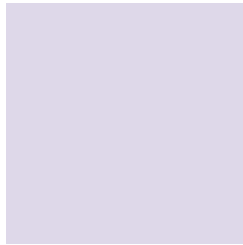
181, 0, 117



54, 0, 35

Previews

White Background



This preview shows how the RGB color 222, 216, 233 looks on a white background.

Color Contrast Check

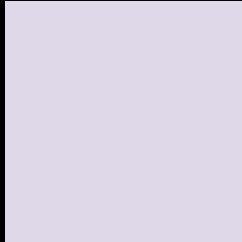
Large Text (above 18pt) WCAG AA × Fail

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 222, 216, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

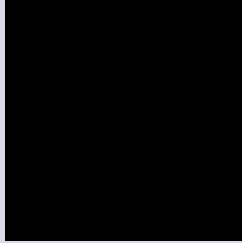
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

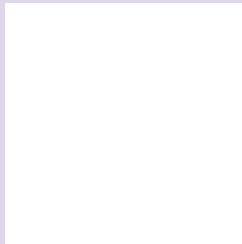
Any Text WCAG AAA ✓ Pass

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

RGB 222, 216, 233 Background



This preview shows how black text looks on a background with the RGB color 222, 216, 233.

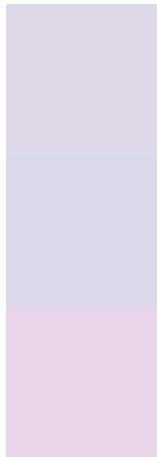


This preview shows how white text looks on a background with the RGB color 222, 216, 233.

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](#).

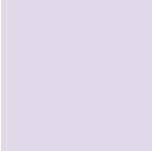
Dichromacy



Original Color
222, 216, 233

Protanopia
218, 217, 234

Deuteranopia
233, 212, 234



Tritanopia
222, 216, 233

Trichromacy



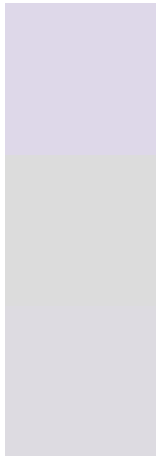
Original Color
222, 216, 233

Protanomaly
219, 217, 234

Deuteranomaly
229, 213, 234

Tritanomaly
222, 216, 233

Monochromacy



Original Color
222, 216, 233

Achromatopsia
220, 220, 220

Achromatomaly
221, 219, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 216, 233 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(222, 216, 233)` looks like.

```
.text, #text, p{  
    color:rgb(222, 216, 233)  
}
```

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(222, 216, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 216, 233) }
```

Border

The CSS property to change the border of an element to RGB 222, 216, 233 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(222, 216, 233) }
```

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

```
.border{ border-color:rgb(222, 216, 233) }
```

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

Here you see how a box with a 4 pixel rgb(222, 216, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 216, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 216, 233);  
box-shadow:4px 4px 4px 4px rgb(222, 216,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 222, 216, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 216, 233) }
```

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

```
.background{ background-color: rgb(222,  
216, 233) }
```

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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