

Converting Colors

RGB(216, 208, 232)

Have a look what the booklet for
RGB(216, 208, 232) contains.

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Color

RGB(216, 208, 232)

Conversions

Conversions Part 1

Format	Color
Hex	D8D0E8
RGB	216, 208, 232
RGB Percent	85%, 82%, 91%
CMY	0.1529, 0.1843, 0.0902
CMYK	0.07, 0.10, 0.00, 0.09
HSL	260°, 34%, 86%
HSV	260°, 10%, 91%
XYZ	65.4403, 65.5369, 85.5447
YIQ	213.1280, -2.9360, 9.1600

Conversions

Conversions Part 2

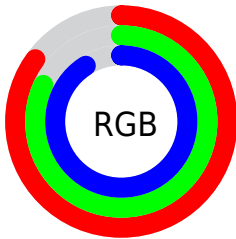
Format	Color
R _Y B	216, 208, 232
Decimal	14209256
CIE Lab	84.76, 7.20, -10.82
CIE LCh	85, 13.000, 303.630
Yxy	65.5369, 0.3022, 0.3027
Android (android.graphics.Color)	4292399336 (0xFFD8D0E8)
YUV	213.1280, 9.3039, 2.5187
Hunter-Lab	80.9548, 2.6204, -5.9832

Details

The RGB color **216, 208, 232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224, 232, 208**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 154, 176** is the 20% darker color. If you saturate the color by 10%, you get **201, 185, 232**, and if you desaturate by 10%, it is **231, 231, 232**.

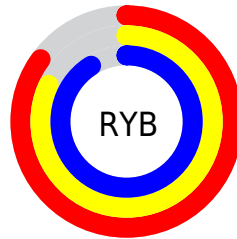
Distribution



Red (85%)

Green (82%)

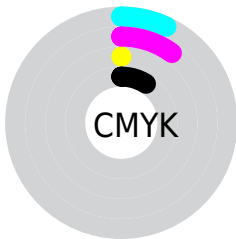
Blue (91%)



Red (85%)

Yellow (82%)

Blue (91%)

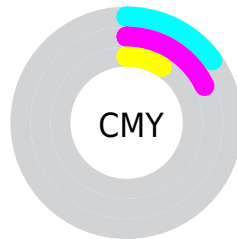


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (15%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 208, 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 216, 208, 232 by changing the saturation by 10% instead.

■ 216, 208, 232

255, 255, 255

■ 216, 208, 232

■ 188, 180, 204

■ 161, 154, 176

■ 135, 128, 150

■ 110, 103, 124

■ 85, 79, 99

■ 62, 56, 75

■ 40, 34, 52

■ 20, 13, 31

■ 0, 0, 4

■ 216, 208, 232

■ 216, 208, 232

■ 201, 185, 232

■ 231, 231, 232

■ 185, 162, 232

■ 247, 254, 232

■ 170, 138, 232

■ 255, 255, 232

■ 154, 115, 232

■ 139, 92, 232

■ 123, 69, 232

■ 108, 46, 232

■ 92, 22, 232

■ 77, 0, 232

Harmonies

Analogous

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



201, 212, 236



216, 208, 232



229, 205, 223

Triad

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



216, 208, 232



232, 207, 190



183, 219, 213

Complementary

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



216, 208, 232



224, 232, 208

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.



193, 218, 200



216, 208, 232



220, 211, 187

Square

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



216, 208, 232



238, 204, 199



206, 215, 191



181, 218, 225

Rectangle

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



216, 208, 232



235, 204, 215



206, 215, 191



186, 219, 208

Sweetspot

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



216, 208, 232



250, 247, 255



208, 224, 232



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



216, 208, 232



235, 224, 255



228, 208, 232



107, 103, 115



59, 0, 179



17, 0, 51

Inverse Universe

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



232, 208, 224



255, 224, 245



212, 232, 208



115, 103, 111



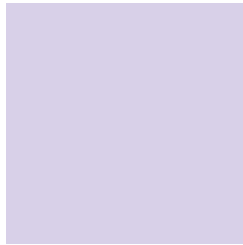
179, 0, 119



51, 0, 34

Previews

White Background



This preview shows how the RGB color 216, 208, 232 looks on a white background.

Color Contrast Check

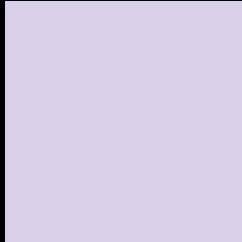
Large Text (above 18pt) WCAG AA × Fail

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 216, 208, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

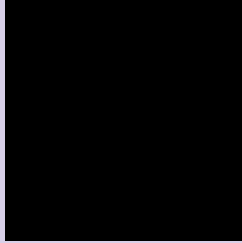
Any Text WCAG AA ✓ Pass

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 216, 208, 232 Background



This preview shows how black text looks on a background with the RGB color 216, 208, 232.



This preview shows how white text looks on a background with the RGB color 216, 208, 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
216, 208, 232

Protanopia
209, 210, 233

Deuteranopia
222, 206, 232



Tritanopia
215, 209, 226

Trichromacy



Original Color
216, 208, 232

Protanomaly
212, 209, 233

Deuteranomaly
220, 207, 232

Tritanomaly
215, 209, 228

Monochromacy



Original Color
216, 208, 232

Achromatopsia
213, 213, 213

Achromatomaly
214, 211, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 208, 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(216, 208, 232)` looks like.

```
.text, #text, p{  
    color:rgb(216, 208, 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(216, 208, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 208, 232) }
```

Border

The CSS property to change the border of an element to RGB 216, 208, 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(216, 208, 232) }
```

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

```
.border{ border-color:rgb(216, 208, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 208, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 208, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 208, 232);  
box-shadow:4px 4px 4px 4px rgb(216, 208,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 216, 208, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 208, 232) }
```

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

```
.background{ background-color: rgb(216,  
208, 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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