

Converting Colors

RGB(202, 168, 216)

Have a look what the booklet for
RGB(202, 168, 216) contains.

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Color

RGB(202, 168, 216)

Conversions

Conversions Part 1

Format	Color
Hex	CAA8D8
RGB	202, 168, 216
RGB Percent	79%, 66%, 85%
CMY	0.2078, 0.3412, 0.1529
CMYK	0.06, 0.22, 0.00, 0.15
HSL	282°, 38%, 75%
HSV	282°, 22%, 85%
XYZ	50.7544, 45.5197, 71.0769
YIQ	183.6380, 4.8560, 22.1360

Conversions

Conversions Part 2

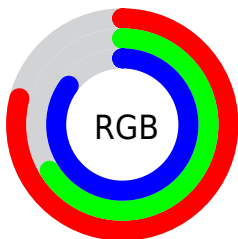
Format	Color
R _Y B	202, 168, 216
Decimal	13281496
CIE Lab	73.23, 21.02, -19.65
CIE LCh	73, 28.773, 316.941
Yxy	45.5197, 0.3033, 0.2720
Android (android.graphics.Color)	4291471576 (0xFFCAA8D8)
YUV	183.6380, 15.9545, 16.1035
Hunter-Lab	67.4683, 16.2109, -15.2334

Details

The RGB color **202, 168, 216** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **182, 216, 168**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 223, 255**, and **148, 116, 161** is the 20% darker color. If you saturate the color by 10%, you get **196, 146, 216**, and if you desaturate by 10%, it is **208, 190, 216**.

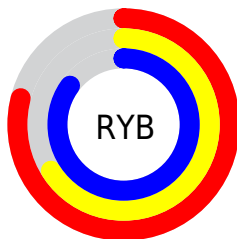
Distribution



Red (79%)

Green (66%)

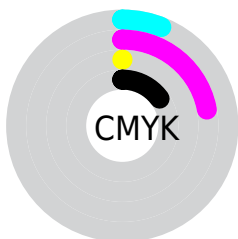
Blue (85%)



Red (79%)

Yellow (66%)

Blue (85%)

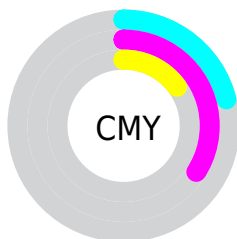


Cyan (6%)

Magenta (22%)

Yellow (0%)

Black (15%)



Cyan (21%)


Magenta (34%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RGB color 202, 168, 216 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 202, 168, 216 by changing the saturation by 10% instead.

 202, 168, 216

 202, 168, 216


255, 255, 255

 174, 141, 188

 255, 223, 255

 148, 116, 161

 255, 252, 255

 121, 91, 135

 96, 67, 109

 72, 44, 85

 49, 23, 62


 29, 0, 40


 0, 1, 18


 0, 0, 0

 202, 168, 216

 202, 168, 216


 196, 146, 216

 208, 190, 216

 189, 125, 216


 215, 211, 216

 183, 103, 216

 221, 233, 216

 177, 82, 216


 227, 254, 216

 170, 60, 216

 234, 255, 216

 164, 38, 216

 240, 255, 216

 158, 17, 216

 246, 255, 216

 153, 0, 216

 252, 255, 216

 255, 255, 216

Harmonies

Analogous

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



168, 177, 230



202, 168, 216



225, 162, 192

Triad

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



202, 168, 216



209, 174, 129



102, 194, 194

Complementary

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



202, 168, 216



182, 216, 168

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.



124, 194, 167



202, 168, 216



183, 183, 129

Square

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



202, 168, 216



227, 166, 142



153, 190, 143



103, 192, 217

Rectangle

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



202, 168, 216



232, 160, 175



153, 190, 143



107, 195, 185

Sweetspot

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



202, 168, 216



250, 237, 255



168, 182, 216



125, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



202, 168, 216



235, 186, 255



216, 168, 206



104, 96, 107



121, 0, 171



31, 0, 43

Inverse Universe

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



216, 168, 182



255, 186, 206



168, 216, 178



107, 96, 100



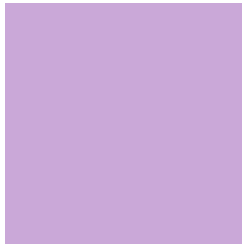
171, 0, 50



43, 0, 13

Previews

White Background



This preview shows how the RGB color 202, 168, 216 looks on a white background.

Color Contrast Check

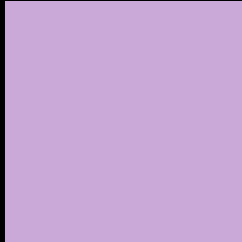
Large Text (above 18pt) WCAG AA × Fail

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 202, 168, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

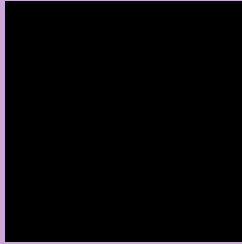
Any Text WCAG AA ✓ Pass

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 202, 168, 216 Background



This preview shows how black text looks on a background with the RGB color 202, 168, 216.



This preview shows how white text looks on a background with the RGB color 202, 168, 216.

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
202, 168, 216

Protanopia
169, 178, 223

Deuteranopia
181, 176, 214



Tritanopia
198, 173, 187

Trichromacy



Original Color
202, 168, 216

Protanomaly
181, 174, 220

Deuteranomaly
189, 173, 215

Tritanomaly
199, 171, 198

Monochromacy



Original Color
202, 168, 216

Achromatopsia
184, 184, 184

Achromatomaly
191, 178, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 168, 216 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(202, 168, 216)` looks like.

```
.text, #text, p{  
    color:rgb(202, 168, 216)  
}
```

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(202, 168, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 168, 216) }
```

Border

The CSS property to change the border of an element to RGB 202, 168, 216 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(202, 168, 216) }
```

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

```
.border{ border-color:rgb(202, 168, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 168, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 168, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 168, 216);  
box-shadow:4px 4px 4px 4px rgb(202, 168,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 202, 168, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 168, 216) }
```

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

```
.background{ background-color: rgb(202,  
168, 216) }
```

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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