

Converting Colors

RGB(208, 156, 205)

Have a look what the booklet for
RGB(208, 156, 205) contains.

RGB(208, 156, 205)	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(208, 156, 205)

Conversions

Conversions Part 1

Format	Color
Hex	D09CCD
RGB	208, 156, 205
RGB Percent	82%, 61%, 80%
CMY	0.1843, 0.3882, 0.1961
CMYK	0.00, 0.25, 0.01, 0.18
HSL	303°, 36%, 71%
HSV	303°, 25%, 82%
XYZ	48.9203, 41.5946, 63.2078
YIQ	177.1340, 15.2630, 26.2630

Conversions

Conversions Part 2

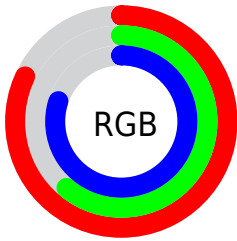
Format	Color
R_{YB}	208, 156, 205
Decimal	13671629
CIE _{Lab}	70.59, 27.47, -17.55
CIE _{LCh}	71, 32.592, 327.428
Yxy	41.5946, 0.3182, 0.2706
Android (android.graphics.Color)	4291861709 (0xFFD09CCD)
YUV	177.1340, 13.7379, 27.0695
Hunter-Lab	64.4939, 22.5327, -12.9620

Details

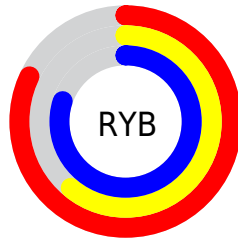
The RGB color **208, 156, 205** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **156, 208, 159**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 211, 255**, and **153, 104, 151** is the 20% darker color. If you saturate the color by 10%, you get **208, 135, 204**, and if you desaturate by 10%, it is **208, 177, 206**.

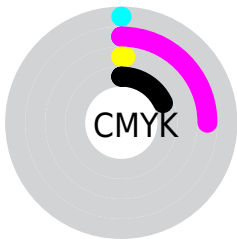
Distribution



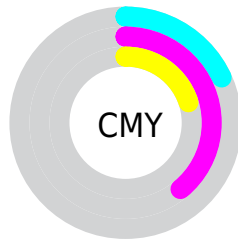
- Red (82%)
- Green (61%)
- Blue (80%)



- Red (82%)
- Yellow (61%)
- Blue (80%)



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 156, 205 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 208, 156, 205 by changing the saturation by 10% instead.


 208, 156, 205

255, 255, 255

 255, 211, 255


 255, 239, 255

 208, 156, 205

 180, 130, 177

 153, 104, 151

 127, 79, 125

 101, 56, 100

 76, 33, 76

 52, 10, 53


 34, 0, 32


 0, 0, 3


 0, 0, 0


 208, 156, 205


 208, 156, 205

 208, 135, 204


 208, 177, 206

 208, 114, 203


 208, 198, 207

 208, 94, 201


 208, 218, 209

 208, 73, 200


 208, 239, 210

 208, 52, 199

 208, 255, 211

 208, 31, 198

 208, 255, 212

 208, 10, 197

 208, 255, 213

 208, 0, 196

 208, 255, 215

 208, 255, 216

Harmonies

Analogous

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



173, 166, 225



208, 156, 205



228, 151, 176

Triad

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



208, 156, 205



196, 170, 113



72, 188, 199

Complementary

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



208, 156, 205



156, 208, 159

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.



95, 189, 169



208, 156, 205



165, 179, 119

Square

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



208, 156, 205



219, 160, 124



130, 186, 140



87, 184, 222

Rectangle

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



208, 156, 205



232, 151, 156



130, 186, 140



77, 189, 189

Sweetspot

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



208, 156, 205



255, 235, 254



159, 156, 208



128, 115, 127



0, 0, 0



128, 128, 128

Same Dimension

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



208, 156, 205



255, 179, 251



208, 156, 179



105, 94, 104



168, 0, 159



41, 0, 38

Inverse Universe

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



208, 156, 205



255, 179, 251



156, 208, 185



105, 94, 104



168, 0, 159



41, 0, 38

Previews

White Background



This preview shows how the RGB color 208, 156, 205 looks on a white background.

Color Contrast Check

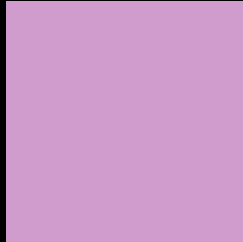
Large Text (above 18pt) WCAG AA × Fail

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 208, 156, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

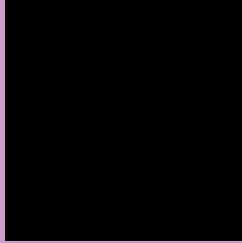
Any Text WCAG AA ✓ Pass

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 208, 156, 205 Background



This preview shows how black text looks on a background with the RGB color 208, 156, 205.

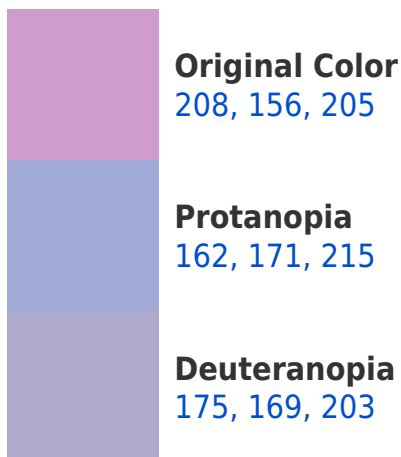



This preview shows how white text looks on a background with the RGB color 208, 156, 205.

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





Tritanopia
204, 162, 174

Trichromacy



Original Color

208, 156, 205



Protanomaly

179, 166, 211



Deuteranomaly

187, 164, 204



Tritanomaly

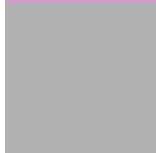
205, 160, 185

Monochromacy



Original Color

208, 156, 205



Achromatopsia

177, 177, 177



Achromatomaly

188, 169, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 156, 205 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(208, 156, 205) looks like.

```
.text, #text, p{  
    color:rgb(208, 156, 205)  
}
```

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(208, 156, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 156, 205) }
```

Border

The CSS property to change the border of an element to RGB 208, 156, 205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

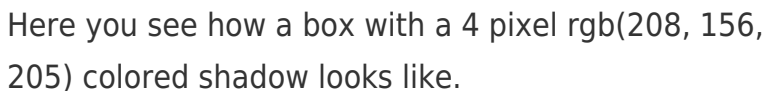
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 156, 205) }
```

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

```
.border{ border-color:rgb(208, 156, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 156, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 156, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 156, 205);  
box-shadow:4px 4px 4px 4px rgb(208, 156,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 208, 156, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 156, 205) }
```

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

```
.background{ background-color: rgb(208,  
156, 205) }
```

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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