Converting Colors

RGB(205, 162, 209)

Have a look what the booklet for RGB(205, 162, 209) contains.

Color

RGB(205, 162, 209)

Conversions

Conversions Part 1

Format	Color
Hex	CDA2D1
RGB	205, 162, 209
RGB Percent	80%, 64%, 82%
CMY	0.1961, 0.3647, 0.1804
CMYK	0.02, 0.22, 0.00, 0.18
HSL	295°, 34%, 73%
HSV	295°, 22%, 82%
XYZ	49.6058, 43.4232, 66.0886
YIQ	180.2150, 10.5410, 23.7330

Conversions

Conversions Part 2

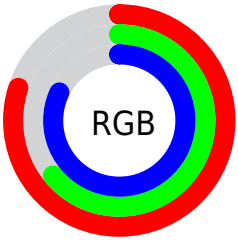
Format	Color
RYB	205, 162, 209
Decimal	13476561
CIELab	71.84, 23.94, -17.89
CIELCh	72, 29.882, 323.232
Yxy	43.4232, 0.3118, 0.2729
Android (android.graphics.Color)	4291666641 (0xFFCDA2D1)
YUV	180.2150, 14.1910, 21.7364
Hunter-Lab	65.8963, 19.0537, -13.3356

Details

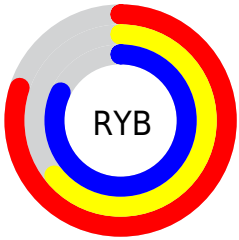
The RGB color 205, 162, 209 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 166, 209, 162, and the grayscale version is 180, 180, 180.

A 20% lighter version of the original color is 255, 217, 255, and 150, 110, 154 is the 20% darker color. If you saturate the color by 10%, you get 203, 141, 209, and if you desaturate by 10%, it is 207, 183, 209.

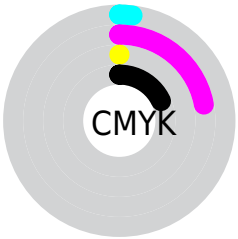
Distribution



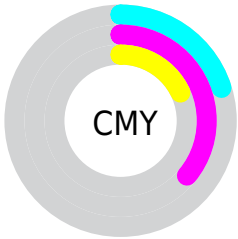
- Red (80%)
- Green (64%)
- Blue (82%)



- Red (80%)
- Yellow (64%)
- Blue (82%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 162, 209 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 205, 162, 209 by changing the saturation by 10% instead.

205, 162, 209

255, 255, 255

255, 217, 255

255, 246, 255

205, 162, 209

177, 136, 181

150, 110, 154

124, 85, 128

99, 62, 103

74, 39, 79

51, 17, 56

32, 0, 35

0, 0, 9

0, 0, 0

205, 162, 209

203, 141, 209

201, 120, 209

200, 99, 209

198, 78, 209

196, 58, 209

194, 37, 209

193, 16, 209

191, 0, 209

205, 162, 209

207, 183, 209

209, 204, 209

210, 225, 209

212, 246, 209

214, 255, 209

216, 255, 209

217, 255, 209

219, 255, 209

221, 255, 209

Harmonies

Analogous

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

172, 171, 226

205, 162, 209

226, 156, 183

Triad

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

205, 162, 209

201, 172, 122

91, 191, 197

Complementary

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

205, 162, 209

166, 209, 162

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.

111, 191, 169

205, 162, 209

173, 181, 125

Square

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

205, 162, 209

222, 163, 133

142, 187, 143

98, 187, 219

Rectangle

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

205, 162, 209

231, 156, 165

142, 187, 143

95, 191, 188

Sweetspot

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

205, 162, 209

253, 237, 255

162, 167, 209

127, 117, 128

0, 0, 0

128, 128, 128

Same Dimension

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

205, 162, 209

249, 186, 255

209, 162, 190

104, 94, 105

154, 0, 168

37, 0, 41

Inverse Universe

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

209, 162, 166

255, 186, 192

162, 209, 181

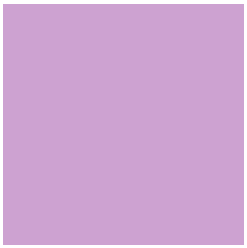
105, 94, 95

168, 0, 14

41, 0, 3

Previews

White Background

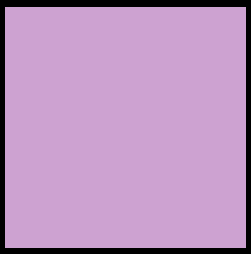


This preview shows how the RGB color 205, 162, 209 looks on a white background.

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



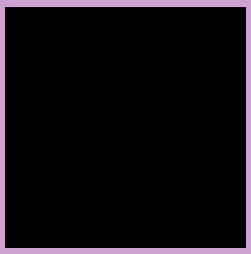
This preview shows how the RGB color 205, 162, 209 looks on a black background.

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 205, 162, 209 Background



This preview shows how black text looks on a background with the RGB color 205, 162, 209.

This preview shows how white text looks on a background with the RGB color 205, 162, 209.

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

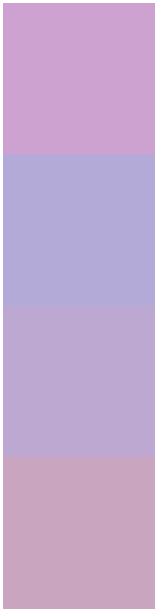
Original Color
205, 162, 209

Protanopia
166, 175, 218

Deuteranopia
178, 172, 207

Tritanopia
201, 167, 180

Trichromacy



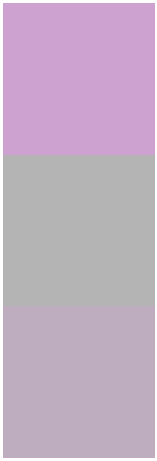
Original Color
205, 162, 209

Protanomaly
180, 170, 215

Deuteranomaly
188, 168, 208

Tritanomaly
202, 165, 191

Monochromacy



Original Color
205, 162, 209

Achromatopsia
180, 180, 180

Achromatomaly
189, 173, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 162, 209 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(205, 162, 209) looks like.

```
.text, #text, p{
    color:rgb(205, 162, 209)
}
```

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(205, 162, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 162, 209) }
```

Border

The CSS property to change the border of an element to RGB 205, 162, 209 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(205, 162, 209) }
```

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

```
.border{ border-color:rgb(205, 162, 209) }
```

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

Here you see how a box with a 4 pixel rgb(205, 162, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 162, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 162, 209); box-shadow:4px 4px 4px 4px rgb(205, 162, 209) }
```

Background

The CSS property to change the background color of an element to RGB 205, 162, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(205, 162, 209) }
```

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

```
.background{ background-color:rgb(205,
162, 209) }
```

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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