Converting Colors

RGB(215, 156, 216)

Have a look what the booklet for RGB(215, 156, 216) contains.

Color

RGB(215, 156, 216)

Conversions

Conversions Part 1

Format	Color
Hex	D79CD8
RGB	215, 156, 216
RGB Percent	84%, 61%, 85%
CMY	0.1569, 0.3882, 0.1529
CMYK	0.00, 0.28, 0.00, 0.15
HSL	299°, 43%, 73%
HSV	299°, 28%, 85%
XYZ	52.3075, 43.1819, 70.5438
YIQ	180.4810, 15.9040, 31.1680

Conversions

Conversions Part 2

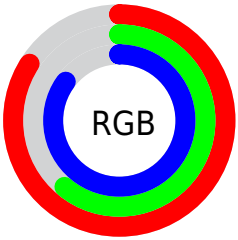
Format	Color
RYB	215, 156, 216
Decimal	14130392
CIELab	71.68, 31.82, -21.89
CIELCh	72, 38.622, 325.474
Yxy	43.1819, 0.3150, 0.2601
Android (android.graphics.Color)	4292320472 (0xFFD79CD8)
YUV	180.4810, 17.5109, 30.2732
Hunter-Lab	65.7129, 27.0884, -17.6496

Details

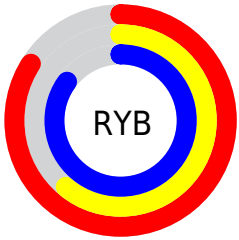
The RGB color 215, 156, 216 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 157, 216, 156, and the grayscale version is 180, 180, 180.

A 20% lighter version of the original color is 255, 211, 255, and 159, 104, 161 is the 20% darker color. If you saturate the color by 10%, you get 215, 134, 216, and if you desaturate by 10%, it is 215, 178, 216.

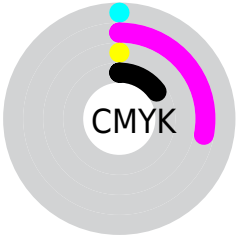
Distribution



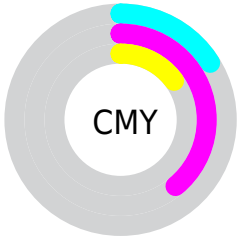
- Red (84%)
- Green (61%)
- Blue (85%)



- Red (84%)
- Yellow (61%)
- Blue (85%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (39%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 156, 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 215, 156, 216 by changing the saturation by 10% instead.

215, 156, 216	215, 156, 216
255, 255, 255	187, 130, 188
255, 211, 255	159, 104, 161
255, 240, 255	133, 79, 135
	107, 55, 109
	82, 31, 85
	57, 6, 61
	37, 0, 40
	0, 1, 17
	0, 0, 0

215, 156, 216

215, 134, 216

214, 113, 216

214, 91, 216

214, 70, 216

213, 48, 216

213, 26, 216

212, 5, 216

212, 0, 216

215, 156, 216

215, 178, 216

216, 199, 216

216, 221, 216

216, 242, 216

217, 255, 216

217, 255, 216

218, 255, 216

218, 255, 216

218, 255, 216

Harmonies

Analogous

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

172, 168, 239

215, 156, 216

239, 149, 182

Triad

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

215, 156, 216

204, 172, 105

26, 194, 205

Complementary

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

215, 156, 216

157, 216, 156

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.

80, 194, 169

215, 156, 216

168, 183, 111

Square

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

215, 156, 216

231, 159, 119

127, 190, 134

50, 190, 233

Rectangle

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

215, 156, 216

245, 149, 159

127, 190, 134

44, 194, 193

Sweetspot

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

215, 156, 216

255, 235, 255

156, 157, 216

127, 115, 128

0, 0, 0

128, 128, 128

Same Dimension

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

215, 156, 216

254, 171, 255

216, 156, 187

107, 96, 107

168, 0, 171

43, 0, 43

Inverse Universe

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

216, 156, 157

255, 171, 172

156, 216, 185

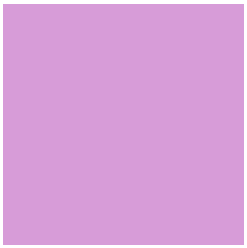
107, 96, 97

171, 0, 3

43, 0, 1

Previews

White Background

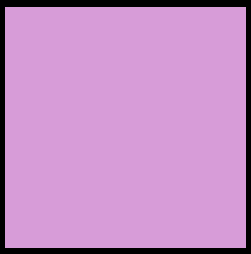


This preview shows how the RGB color 215, 156, 216 looks on a white background.

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



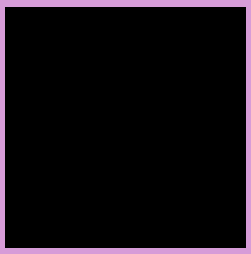
This preview shows how the RGB color 215, 156, 216 looks on a black background.

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 215, 156, 216 Background



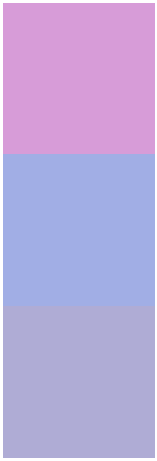
This preview shows how black text looks on a background with the RGB color 215, 156, 216.

This preview shows how white text looks on a background with the RGB color 215, 156, 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



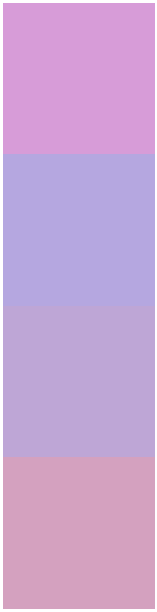
Original Color
215, 156, 216

Protanopia
161, 174, 229

Deuteranopia
175, 172, 213

Tritanopia
210, 164, 176

Trichromacy



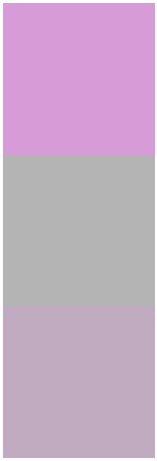
Original Color
215, 156, 216

Protanomaly
181, 167, 224

Deuteranomaly
190, 166, 214

Tritanomaly
212, 161, 191

Monochromacy



Original Color
215, 156, 216

Achromatopsia
180, 180, 180

Achromatomaly
193, 171, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 156, 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(215, 156, 216) looks like.

```
.text, #text, p{
    color:rgb(215, 156, 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(215, 156, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 156, 216) }
```

Border

The CSS property to change the border of an element to RGB 215, 156, 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(215, 156, 216) }
```

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

```
.border{ border-color:rgb(215, 156, 216) }
```

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

Here you see how a box with a 4 pixel rgb(215, 156, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 156, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 156, 216); box-shadow:4px 4px 4px 4px rgb(215, 156, 216) }
```

Background

The CSS property to change the background color of an element to RGB 215, 156, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(215, 156, 216) }
```

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

```
.background{ background-color:rgb(215,
156, 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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