Converting Colors

RGB(214, 196, 216)

Have a look what the booklet for RGB(214, 196, 216) contains.

Color

RGB(214, 196, 216)

Conversions

Conversions Part 1

Format	Color
Hex	D6C4D8
RGB	214, 196, 216
RGB Percent	84%, 77%, 85%
CMY	0.1608, 0.2314, 0.1529
CMYK	0.01, 0.09, 0.00, 0.15
HSL	294°, 20%, 81%
HSV	294°, 9%, 85%
XYZ	59.8662, 58.7339, 73.1472
YIQ	203.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

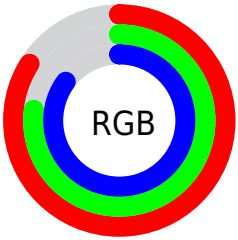
Format	Color
RYB	214, 196, 216
Decimal	14075096
CIELab	81.15, 9.87, -7.67
CIELCh	81, 12.501, 322.144
Yxy	58.7339, 0.3122, 0.3063
Android (android.graphics.Color)	4292265176 (0xFFD6C4D8)
YUV	203.6620, 6.0826, 9.0664
Hunter-Lab	76.6380, 5.3196, -2.9428

Details

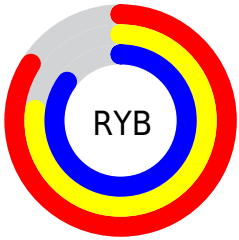
The RGB color 214, 196, 216 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 198, 216, 196, and the grayscale version is 204, 204, 204.

A 20% lighter version of the original color is 255, 253, 255, and 159, 142, 161 is the 20% darker color. If you saturate the color by 10%, you get 212, 174, 216, and if you desaturate by 10%, it is 216, 218, 216.

Distribution

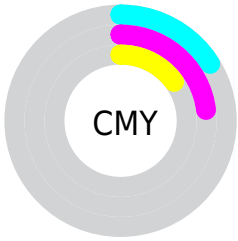


- Red (84%)
- Green (77%)
- Blue (85%)



- Red (84%)
- Yellow (77%)
- Blue (85%)

- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 196, 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 214, 196, 216 by changing the saturation by 10% instead.

214, 196, 216

255, 255, 255

255, 253, 255

214, 196, 216

186, 169, 188

159, 142, 161

133, 117, 135

108, 92, 110

83, 68, 85

60, 46, 62

38, 25, 40

19, 0, 20

0, 0, 0

214, 196, 216

212, 174, 216

210, 153, 216

208, 131, 216

205, 110, 216

203, 88, 216

201, 66, 216

199, 45, 216

197, 23, 216

195, 2, 216

214, 196, 216

216, 218, 216

218, 239, 216

220, 255, 216

223, 255, 216

225, 255, 216

227, 255, 216

229, 255, 216

231, 255, 216

233, 255, 216

Harmonies

Analogous

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

200, 200, 223

214, 196, 216

224, 194, 205

Triad

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

214, 196, 216

214, 200, 179

172, 208, 210

Complementary

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

214, 196, 216

198, 216, 196

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.

177, 208, 198

214, 196, 216

202, 203, 180

Square

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

214, 196, 216

224, 196, 183

188, 207, 187

175, 207, 220

Rectangle

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

214, 196, 216

227, 194, 197

188, 207, 187

173, 209, 206

Sweetspot

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

214, 196, 216

254, 247, 255

196, 198, 216

127, 122, 128

0, 0, 0

128, 128, 128

Same Dimension

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

214, 196, 216

252, 227, 255

216, 196, 208

106, 96, 107

154, 0, 171

39, 0, 43

Inverse Universe

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

216, 196, 198

255, 227, 230

196, 216, 204

107, 96, 97

171, 0, 17

43, 0, 4

Previews

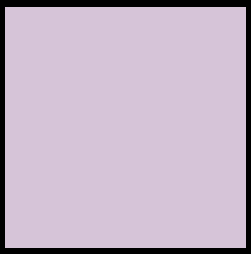
White Background

This preview shows how the RGB color 214, 196, 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



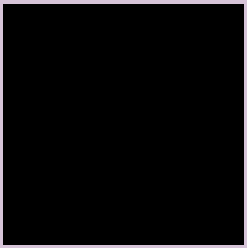
This preview shows how the RGB color 214, 196, 216 looks on a black background.

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 214, 196, 216 Background



This preview shows how black text looks on a background with the RGB color 214, 196, 216.

This preview shows how white text looks on a background with the RGB color 214, 196, 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
214, 196, 216

Protanopia
200, 200, 219

Deuteranopia
215, 196, 216

Tritanopia
213, 197, 212

Trichromacy

Original Color
214, 196, 216

Protanomaly
205, 199, 218

Deuteranomaly
215, 196, 216

Tritanomaly
213, 197, 213

Monochromacy

Original Color
214, 196, 216

Achromatopsia
204, 204, 204

Achromatomaly
208, 201, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 196, 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(214, 196, 216) looks like.

```
.text, #text, p{
    color:rgb(214, 196, 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(214, 196, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 216) }
```

Border

The CSS property to change the border of an element to RGB 214, 196, 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(214, 196, 216) }
```

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

```
.border{ border-color:rgb(214, 196, 216) }
```

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

Here you see how a box with a 4 pixel rgb(214, 196, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 196, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 196, 216); box-shadow:4px 4px 4px 4px rgb(214, 196, 216) }
```

Background

The CSS property to change the background color of an element to RGB 214, 196, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(214, 196, 216) }
```

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

```
.background{ background-color:rgb(214,
196, 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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