Converting Colors

RGB(210, 101, 154)

Have a look what the booklet for RGB(210, 101, 154) contains.

Color

RGB(210, 101, 154)

Conversions

Conversions Part 1

Format	Color
Hex	D2659A
RGB	210, 101, 154
RGB Percent	82%, 40%, 60%
CMY	0.1765, 0.6039, 0.3961
CMYK	0.00, 0.52, 0.27, 0.18
HSL	331°, 55%, 61%
HSV	331°, 52%, 82%
XYZ	37.0648, 25.3421, 33.5098
YIQ	139.6330, 47.9510, 39.5910

Conversions

Conversions Part 2

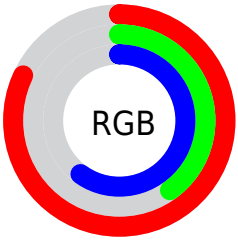
Format	Color
RYB	210, 101, 154
Decimal	13788570
CIELab	57.41, 48.88, -8.47
CIELCh	57, 49.613, 350.174
Yxy	25.3421, 0.3864, 0.2642
Android (android.graphics.Color)	4291978650 (0xFFD2659A)
YUV	139.6330, 7.0829, 61.7119
Hunter-Lab	50.3409, 43.3284, -4.2282

Details

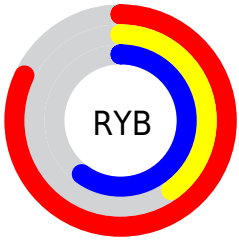
The RGB color 210, 101, 154 is a light color, and the websafe version is hex CC6699. A complement of this color would be 101, 210, 157, and the grayscale version is 140, 140, 140.

A 20% lighter version of the original color is 255, 155, 208, and 153, 47, 103 is the 20% darker color. If you saturate the color by 10%, you get 210, 80, 143, and if you desaturate by 10%, it is 210, 122, 165.

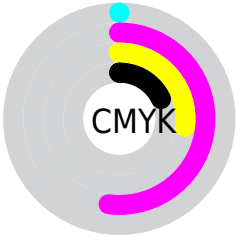
Distribution



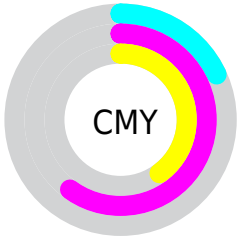
- Red (82%)
- Green (40%)
- Blue (60%)



- Red (82%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (52%)
- Yellow (27%)
- Black (18%)



- Cyan (18%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 101, 154 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 210, 101, 154 by changing the saturation by 10% instead.

210, 101, 154	210, 101, 154
255, 255, 255	181, 74, 128
255, 155, 208	153, 47, 103
255, 183, 237	125, 15, 79
255, 212, 255	97, 0, 56
255, 241, 255	71, 0, 35
	47, 0, 11
	0, 0, 0

210, 101, 154	210, 101, 154
210, 80, 143	210, 122, 165

210, 59, 132

210, 38, 122

210, 17, 111

210, 0, 102

210, 143, 176

210, 164, 186

210, 185, 197

210, 206, 208

210, 227, 219

210, 248, 230

210, 255, 240

210, 255, 251

Harmonies

Analogous

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

177, 114, 194

210, 101, 154

218, 101, 110

Triad

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

210, 101, 154

133, 144, 51

0, 156, 203

Complementary

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

210, 101, 154

101, 210, 157

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.

0, 159, 166

210, 101, 154

82, 154, 80

Square

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

210, 101, 154

174, 131, 49

0, 158, 122

0, 147, 223

Rectangle

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

210, 101, 154

211, 109, 84

0, 158, 122

0, 157, 193

Sweetspot

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

210, 101, 154

255, 214, 234

156, 101, 210

128, 103, 115

0, 0, 0

128, 128, 128

Same Dimension

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

210, 101, 154

255, 97, 174

210, 101, 101

105, 94, 99

168, 0, 82

41, 0, 20

Inverse Universe

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

210, 101, 154

255, 97, 174

101, 210, 210

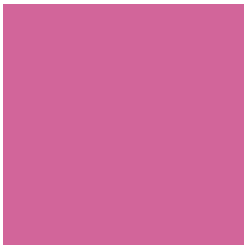
105, 94, 99

168, 0, 82

41, 0, 20

Previews

White Background

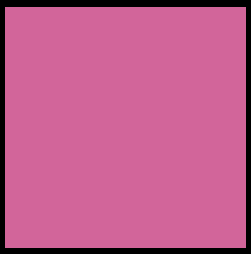


This preview shows how the RGB color 210, 101, 154 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



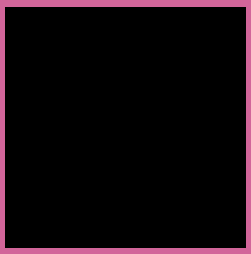
This preview shows how the RGB color 210, 101, 154 looks on a black background.

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 ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 210, 101, 154 Background



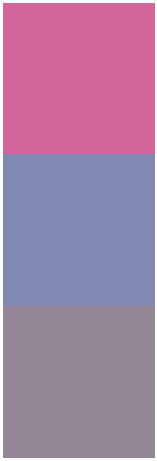
This preview shows how black text looks on a background with the RGB color 210, 101, 154.

This preview shows how white text looks on a background with the RGB color 210, 101, 154.

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



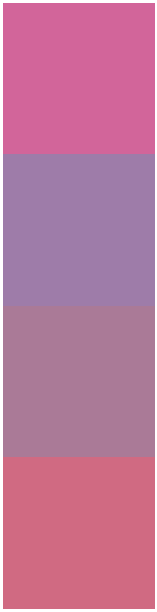
Original Color
210, 101, 154

Protanopia
128, 137, 178

Deuteranopia
147, 134, 149

Tritanopia
207, 109, 116

Trichromacy



Original Color
210, 101, 154

Protanomaly
158, 124, 169

Deuteranomaly
170, 122, 151

Tritanomaly
208, 106, 130

Monochromacy

Original Color
210, 101, 154

Achromatopsia
140, 140, 140

Achromatomaly
165, 126, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 101, 154 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(210, 101, 154) looks like.

```
.text, #text, p{
    color:rgb(210, 101, 154)
}
```

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(210, 101, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 101, 154) }
```

Border

The CSS property to change the border of an element to RGB 210, 101, 154 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(210, 101, 154) }
```

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

```
.border{ border-color:rgb(210, 101, 154) }
```

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

Here you see how a box with a 4 pixel rgb(210, 101, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 101, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 101, 154); box-shadow:4px 4px 4px 4px rgb(210, 101, 154) }
```

Background

The CSS property to change the background color of an element to RGB 210, 101, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(210, 101, 154) }
```

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

```
.background{ background-color:rgb(210,
101, 154) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor