

Converting Colors

RGB(210, 93, 171)

Have a look what the booklet for
RGB(210, 93, 171) contains.

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Color

RGB(210, 93, 171)

Conversions

Conversions Part 1

Format	Color
Hex	D25DAB
RGB	210, 93, 171
RGB Percent	82%, 36%, 67%
CMY	0.1765, 0.6353, 0.3294
CMYK	0.00, 0.56, 0.19, 0.18
HSL	320°, 57%, 59%
HSV	320°, 56%, 82%
XYZ	37.8434, 24.4706, 41.2568
YIQ	136.8750, 44.6940, 49.0620

Conversions

Conversions Part 2

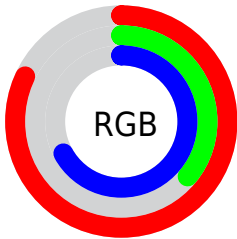
Format	Color
RYB	210, 93, 171
Decimal	13786539
CIELab	56.56, 55.09, -19.63
CIELCh	57, 58.486, 340.391
Yxy	24.4706, 0.3654, 0.2363
Android (android.graphics.Color)	4291976619 (0xFFD25DAB)
YUV	136.8750, 16.8236, 64.1306
Hunter-Lab	49.4678, 49.9858, -14.8212

Details

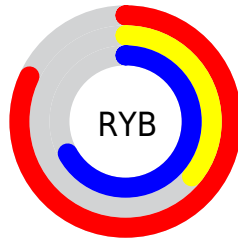
The RGB color **210, 93, 171** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **93, 210, 132**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 148, 226**, and **153, 36, 119** is the 20% darker color. If you saturate the color by 10%, you get **210, 72, 164**, and if you desaturate by 10%, it is **210, 114, 178**.

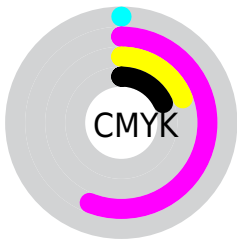
Distribution



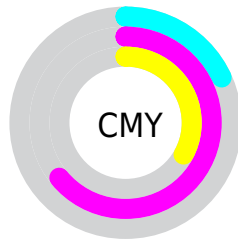
- Red (82%)
- Green (36%)
- Blue (67%)



- Red (82%)
- Yellow (36%)
- Blue (67%)



- Cyan (0%)
- Magenta (56%)
- Yellow (19%)
- Black (18%)



- Cyan (18%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 93, 171 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, 93, 171 by changing the saturation by 10% instead.



210, 93, 171



210, 93, 171

255, 255, 255



181, 65, 144



255, 148, 226



153, 36, 119



255, 176, 255



125, 0, 94



255, 204, 255



97, 0, 70



255, 234, 255



71, 0, 47



46, 0, 27



0, 0, 0



210, 93, 171




210, 93, 171




210, 72, 164





210, 114, 178


 210, 51, 157

 210, 135, 185


 210, 30, 150

 210, 156, 192

 210, 9, 143

 210, 177, 199

 210, 0, 140

 210, 198, 206

 210, 219, 213

 210, 240, 220

 210, 255, 227

 210, 255, 234

Harmonies

Analogous

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



161, 114, 214



210, 93, 171



228, 86, 120

Triad

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



210, 93, 171



145, 139, 18



0, 158, 201

Complementary

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



210, 93, 171



93, 210, 132

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, 160, 152



210, 93, 171



89, 151, 52

Square

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



210, 93, 171



188, 121, 33



0, 158, 99



0, 150, 231

Rectangle

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



210, 93, 171



224, 94, 87



0, 158, 99



0, 159, 186

Sweetspot

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



210, 93, 171



255, 212, 241



132, 93, 210



128, 102, 119



0, 0, 0



128, 128, 128

Same Dimension

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



210, 93, 171



255, 84, 198



210, 93, 113



105, 94, 101



168, 0, 112



41, 0, 27

Inverse Universe

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



210, 93, 171



255, 84, 198



93, 210, 190



105, 94, 101



168, 0, 112



41, 0, 27

Previews

White Background



This preview shows how the RGB color 210, 93, 171 looks on a white background.

Color Contrast Check

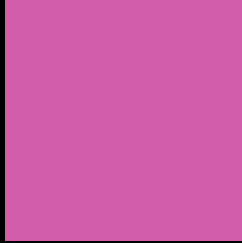
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93, 171 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, 93, 171 Background



This preview shows how black text looks on a background with the RGB color 210, 93, 171.

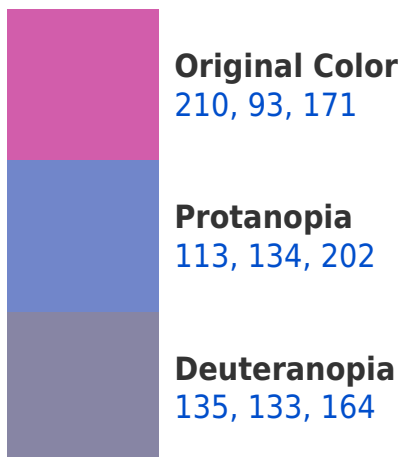



This preview shows how white text looks on a background with the RGB color 210, 93, 171.

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, 106, 114

Trichromacy



Original Color

210, 93, 171



Protanomaly

148, 119, 191



Deuteranomaly

162, 118, 167



Tritanomaly

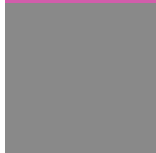
206, 101, 135

Monochromacy



Original Color

210, 93, 171



Achromatopsia

137, 137, 137



Achromatomaly

164, 121, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 93, 171 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, 93, 171)` looks like.

```
.text, #text, p{  
    color:rgb(210, 93, 171)  
}
```

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, 93, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 93, 171) }
```

Border

The CSS property to change the border of an element to RGB 210, 93, 171 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, 93, 171) }
```

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

```
.border{ border-color:rgb(210, 93, 171) }
```

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

Here you see how a box with a 4 pixel rgb(210, 93, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 93, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 93, 171);  
box-shadow:4px 4px 4px 4px rgb(210, 93,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 210, 93, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 93, 171) }
```

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

```
.background{ background-color: rgb(210, 93,  
171) }
```

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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