

Converting Colors

RGB(213, 93, 172)

Have a look what the booklet for
RGB(213, 93, 172) contains.

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Color

RGB(213, 93, 172)

Conversions

Conversions Part 1

Format	Color
Hex	D55DAC
RGB	213, 93, 172
RGB Percent	84%, 36%, 67%
CMY	0.1647, 0.6353, 0.3255
CMYK	0.00, 0.56, 0.19, 0.16
HSL	320°, 59%, 60%
HSV	320°, 56%, 84%
XYZ	38.8013, 24.9534, 41.8012
YIQ	137.8860, 46.1610, 50.0090

Conversions

Conversions Part 2

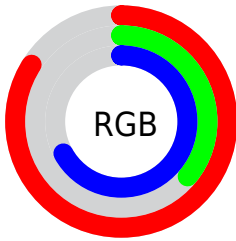
Format	Color
R _{YB}	213, 93, 172
Decimal	13983148
CIE _{Lab}	57.03, 56.13, -19.44
CIE _{LCh}	57, 59.402, 340.893
Yxy	24.9534, 0.3676, 0.2364
Android (android.graphics.Color)	4292173228 (0xFFD55DAC)
YUV	137.8860, 16.8182, 65.8750
Hunter-Lab	49.9534, 51.2316, -14.6467

Details

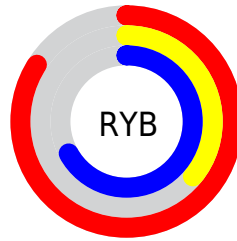
The RGB color **213, 93, 172** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **93, 213, 134**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 148, 228**, and **155, 35, 120** is the 20% darker color. If you saturate the color by 10%, you get **213, 72, 165**, and if you desaturate by 10%, it is **213, 114, 179**.

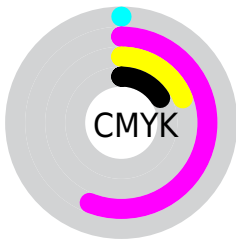
Distribution



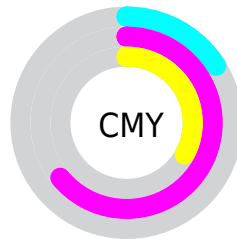
- Red (84%)
- Green (36%)
- Blue (67%)



- Red (84%)
- Yellow (36%)
- Blue (67%)



- Cyan (0%)
- Magenta (56%)
- Yellow (19%)
- Black (16%)




- Cyan (16%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 93, 172 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 213, 93, 172 by changing the saturation by 10% instead.

 213, 93, 172

 213, 93, 172

255, 255, 255

 184, 65, 145

 255, 148, 228

 155, 35, 120

 255, 176, 255

 127, 0, 95


 255, 205, 255

 100, 0, 71

 255, 234, 255

 73, 0, 48

 48, 0, 27

 1, 0, 0

 0, 0, 0

 213, 93, 172

 213, 93, 172

■ 213, 72, 165

■ 213, 114, 179

■ 213, 50, 157

■ 213, 136, 187

■ 213, 29, 150

■ 213, 157, 194

■ 213, 8, 143

■ 213, 178, 201

■ 213, 0, 140

■ 213, 200, 208

■ 213, 221, 216

■ 213, 242, 223

■ 213, 255, 230

■ 213, 255, 237

Harmonies

Analogous

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



163, 115, 216



213, 93, 172



230, 86, 120

Triad

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



213, 93, 172



145, 140, 16



0, 159, 204

Complementary

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



213, 93, 172



93, 213, 134

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, 161, 155



213, 93, 172



88, 153, 52

Square

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



213, 93, 172



190, 122, 31



0, 159, 101



0, 152, 235

Rectangle

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



213, 93, 172



226, 94, 87



0, 159, 101



0, 161, 189

Sweetspot

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



213, 93, 172



255, 212, 240



133, 93, 213



128, 102, 119



0, 0, 0



128, 128, 128

Same Dimension

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



213, 93, 172



255, 82, 196



213, 93, 113



107, 96, 103



171, 0, 112



43, 0, 29

Inverse Universe

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



213, 93, 172



255, 82, 196



93, 213, 193



107, 96, 103



171, 0, 112



43, 0, 29

Previews

White Background



This preview shows how the RGB color 213, 93, 172 looks on a white background.

Color Contrast Check

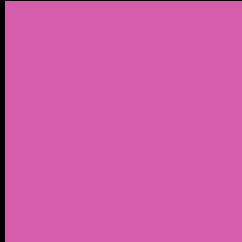
Large Text (above 18pt) WCAG AA ✓ Pass

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 213, 93, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

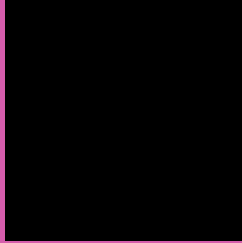
Any Text WCAG AA ✓ Pass

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 213, 93, 172 Background



This preview shows how black text looks on a background with the RGB color 213, 93, 172.

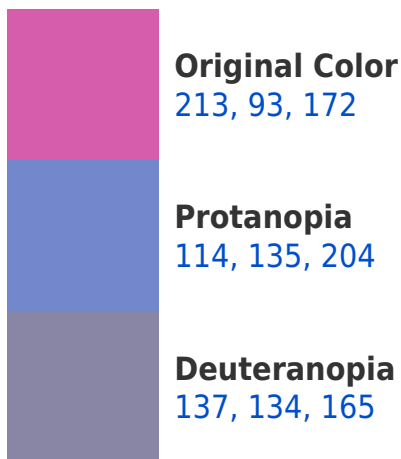



This preview shows how white text looks on a background with the RGB color 213, 93, 172.

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
207, 106, 114

Trichromacy



Original Color

213, 93, 172



Protanomaly

150, 120, 192



Deuteranomaly

165, 119, 168



Tritanomaly

209, 101, 135

Monochromacy



Original Color

213, 93, 172



Achromatopsia

138, 138, 138



Achromatomaly

165, 122, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 93, 172 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(213, 93, 172)` looks like.

```
.text, #text, p{  
    color:rgb(213, 93, 172)  
}
```

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(213, 93, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 93, 172) }
```

Border

The CSS property to change the border of an element to RGB 213, 93, 172 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(213, 93, 172) }
```

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

```
.border{ border-color:rgb(213, 93, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 93, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 93, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 93, 172);  
box-shadow:4px 4px 4px 4px rgb(213, 93,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 213, 93, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 93, 172) }
```

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

```
.background{ background-color: rgb(213, 93,  
172) }
```

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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