

Converting Colors

RGB(223, 93, 170)

Have a look what the booklet for
RGB(223, 93, 170) contains.

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Color

RGB(223, 93, 170)

Conversions

Conversions Part 1

Format	Color
Hex	DF5DAA
RGB	223, 93, 170
RGB Percent	87%, 36%, 67%
CMY	0.1255, 0.6353, 0.3333
CMYK	0.00, 0.58, 0.24, 0.13
HSL	324°, 67%, 62%
HSV	324°, 58%, 87%
XYZ	41.6015, 26.4190, 40.9369
YIQ	140.6480, 52.7630, 51.5070

Conversions

Conversions Part 2

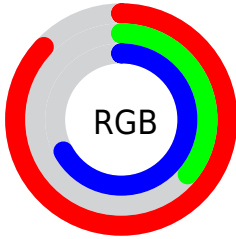
Format	Color
R _Y B	223, 93, 170
Decimal	14638506
CIE Lab	58.43, 58.80, -16.02
CIE LCh	58, 60.942, 344.762
Yxy	26.4190, 0.3818, 0.2425
Android (android.graphics.Color)	4292828586 (0xFFDF5DAA)
YUV	140.6480, 14.4705, 72.2227
Hunter-Lab	51.3994, 54.5249, -11.2419

Details

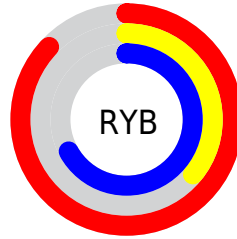
The RGB color **223, 93, 170** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **93, 223, 146**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **255, 149, 225**, and **164, 33, 118** is the 20% darker color. If you saturate the color by 10%, you get **223, 71, 161**, and if you desaturate by 10%, it is **223, 115, 179**.

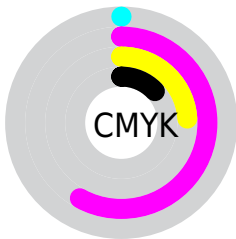
Distribution



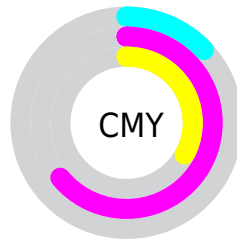
- Red (87%)
- Green (36%)
- Blue (67%)



- Red (87%)
- Yellow (36%)
- Blue (67%)



- Cyan (0%)
- Magenta (58%)
- Yellow (24%)
- Black (13%)





- Cyan (13%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 93, 170 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 223, 93, 170 by changing the saturation by 10% instead.

 223, 93, 170

 223, 93, 170

255, 255, 255

 193, 65, 143

 255, 149, 225

 164, 33, 118

 255, 177, 254

 136, 0, 93

 255, 206, 255

 108, 0, 69

 255, 235, 255

 80, 0, 47

 56, 0, 26

 20, 0, 0

 0, 0, 0

 223, 93, 170

 223, 93, 170

■ 223, 71, 161

■ 223, 115, 179

■ 223, 48, 152

■ 223, 138, 188

■ 223, 26, 143

■ 223, 160, 197

■ 223, 4, 134

■ 223, 182, 206

■ 223, 0, 132

■ 223, 205, 215

■ 223, 227, 225

■ 223, 249, 234

■ 223, 255, 243

■ 223, 255, 252

Harmonies

Analogous

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



176, 114, 217



223, 93, 170



237, 89, 116

Triad

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



223, 93, 170



142, 146, 18



0, 163, 215

Complementary

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



223, 93, 170



93, 223, 146

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, 166, 166



223, 93, 170



80, 158, 59

Square

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



223, 93, 170



190, 128, 27



0, 164, 111



0, 154, 244

Rectangle

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



223, 93, 170



231, 99, 83



0, 164, 111



0, 165, 200

Sweetspot

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



223, 93, 170



255, 212, 237



145, 93, 223



128, 102, 117



0, 0, 0



128, 128, 128

Same Dimension

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



223, 93, 170



255, 77, 182



223, 93, 106



112, 101, 108



176, 0, 104



48, 0, 29

Inverse Universe

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



223, 93, 170



255, 77, 182



93, 223, 210



112, 101, 108



176, 0, 104



48, 0, 29

Previews

White Background



This preview shows how the RGB color 223, 93, 170 looks on a white background.

Color Contrast Check

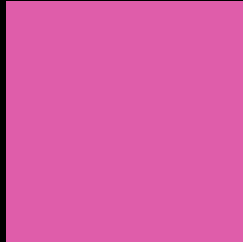
Large Text (above 18pt) WCAG AA ✓ Pass

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 223, 93, 170 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 223, 93, 170 Background



This preview shows how black text looks on a background with the RGB color 223, 93, 170.

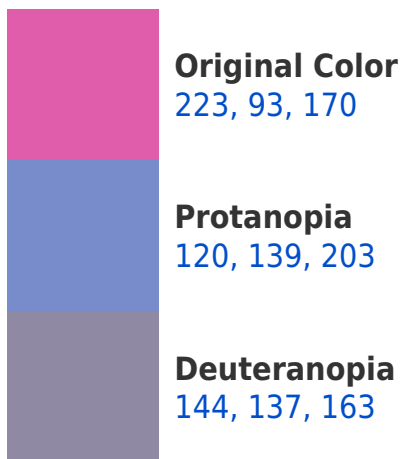



This preview shows how white text looks on a background with the RGB color 223, 93, 170.

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
218, 106, 113

Trichromacy



Original Color

223, 93, 170



Protanomaly

157, 122, 191



Deuteranomaly

173, 121, 166



Tritanomaly

220, 101, 134

Monochromacy



Original Color

223, 93, 170



Achromatopsia

141, 141, 141



Achromatomaly

171, 124, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 93, 170 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(223, 93, 170)` looks like.

```
.text, #text, p{  
    color:rgb(223, 93, 170)  
}
```

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(223, 93, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 93, 170) }
```

Border

The CSS property to change the border of an element to RGB 223, 93, 170 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(223, 93, 170) }
```

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

```
.border{ border-color:rgb(223, 93, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 93, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 93, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 93, 170); box-shadow:4px 4px 4px 4px rgb(223, 93, 170) }
```

Background

The CSS property to change the background color of an element to RGB 223, 93, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 93, 170) }
```

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

```
.background{ background-color: rgb(223, 93,  
170) }
```

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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