

Converting Colors

RGB(193, 74, 171)

Have a look what the booklet for
RGB(193, 74, 171) contains.

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Color

RGB(193, 74, 171)

Conversions

Conversions Part 1

Format	Color
Hex	C14AAB
RGB	193, 74, 171
RGB Percent	76%, 29%, 67%
CMY	0.2431, 0.7098, 0.3294
CMYK	0.00, 0.62, 0.11, 0.24
HSL	311°, 49%, 52%
HSV	311°, 62%, 76%
XYZ	31.7918, 19.1753, 40.5537
YIQ	120.6390, 39.7870, 55.3950

Conversions

Conversions Part 2

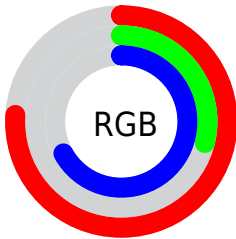
Format	Color
RYB	193, 74, 171
Decimal	12667563
CIELab	50.89, 58.75, -28.57
CIELCh	51, 65.330, 334.070
Yxy	19.1753, 0.3474, 0.2095
Android (android.graphics.Color)	4290857643 (0xFFC14AAB)
YUV	120.6390, 24.8280, 63.4606
Hunter-Lab	43.7896, 52.9614, -24.2559

Details

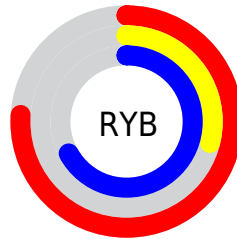
The RGB color **193, 74, 171** is a dark color, and the websafe version is hex **CC66CC**. The color can be described as middle muted rose. A complement of this color would be **74, 193, 96**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **252, 129, 227**, and **136, 2, 118** is the 20% darker color. If you saturate the color by 10%, you get **193, 55, 167**, and if you desaturate by 10%, it is **193, 93, 175**.

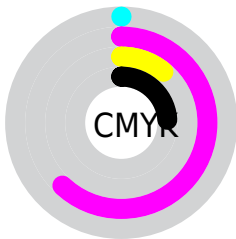
Distribution



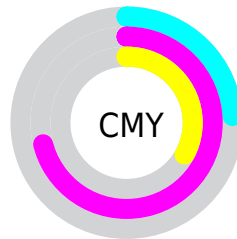
- Red (76%)
- Green (29%)
- Blue (67%)



- Red (76%)
- Yellow (29%)
- Blue (67%)



- Cyan (0%)
- Magenta (62%)
- Yellow (11%)
- Black (24%)



- Cyan (24%)
- Magenta (71%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 74, 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 193, 74, 171 by changing the saturation by 10% instead.



193, 74, 171



193, 74, 171

255, 255, 255



164, 45, 144



252, 129, 227



136, 2, 118



255, 157, 255



109, 0, 93



255, 186, 255



82, 0, 69



255, 215, 255



57, 0, 47



255, 244, 255



27, 0, 25



0, 0, 0



193, 74, 171



193, 74, 171



193, 55, 167



193, 93, 175

193, 35, 164

193, 113, 178

193, 16, 160

193, 132, 182

193, 0, 157

193, 151, 185

193, 171, 189

193, 190, 192

193, 209, 196

193, 228, 200

193, 248, 203

Harmonies

Analogous

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



129, 103, 214



193, 74, 171



218, 58, 116

Triad

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



193, 74, 171



139, 121, 0



0, 145, 183

Complementary

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



193, 74, 171



74, 193, 96

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, 146, 127



193, 74, 171



81, 135, 2

Square

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



193, 74, 171



184, 100, 1



0, 143, 69



0, 140, 222

Rectangle

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



193, 74, 171



217, 65, 79



0, 143, 69



0, 146, 165

Sweetspot

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



193, 74, 171



250, 205, 242



96, 74, 193



125, 97, 120



252, 252, 252



125, 125, 125

Same Dimension

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



193, 74, 171



250, 65, 216



193, 74, 112



97, 87, 95



161, 0, 131



33, 0, 27

Inverse Universe

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



193, 74, 171



250, 65, 216



74, 193, 155



97, 87, 95



161, 0, 131



33, 0, 27

Previews

White Background



This preview shows how the RGB color 193, 74, 171 looks on a white background.

Color Contrast Check

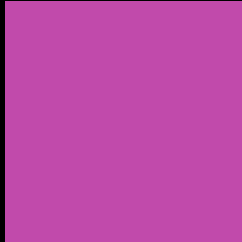
Large Text (above 18pt) WCAG AA ✓ Pass

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 193, 74, 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 193, 74, 171 Background



This preview shows how black text looks on a background with the RGB color 193, 74, 171.

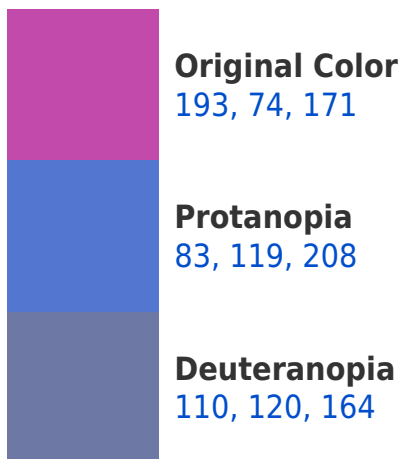


This preview shows how white text looks on a background with the RGB color 193, 74, 171.

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
186, 93, 100

Trichromacy



Original Color

193, 74, 171



Protanomaly

123, 103, 195



Deuteranomaly

140, 103, 167



Tritanomaly

189, 86, 126

Monochromacy



Original Color

193, 74, 171



Achromatopsia

121, 121, 121



Achromatomaly

147, 104, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 74, 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(193, 74, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 74, 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(193, 74, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 74, 171) }
```

Border

The CSS property to change the border of an element to RGB 193, 74, 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(193, 74, 171) }
```

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

```
.border{ border-color:rgb(193, 74, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 74, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 74, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 74, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 74,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 193, 74, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 74, 171) }
```

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

```
.background{ background-color: rgb(193, 74,  
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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