

Converting Colors

RGB(202, 103, 171)

Have a look what the booklet for
RGB(202, 103, 171) contains.

RGB(202, 103, 171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(202, 103, 171)

Conversions

Conversions Part 1

Format	Color
Hex	CA67AB
RGB	202, 103, 171
RGB Percent	79%, 40%, 67%
CMY	0.2078, 0.5961, 0.3294
CMYK	0.00, 0.49, 0.15, 0.21
HSL	319°, 48%, 60%
HSV	319°, 49%, 79%
XYZ	36.5581, 25.1973, 41.4648
YIQ	140.3530, 37.1760, 42.1360

Conversions

Conversions Part 2

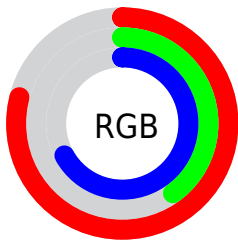
Format	Color
RYB	202, 103, 171
Decimal	13264811
CIELab	57.27, 47.82, -18.64
CIELCh	57, 51.323, 338.698
Yxy	25.1973, 0.3542, 0.2441
Android (android.graphics.Color)	4291454891 (0xFFCA67AB)
YUV	140.3530, 15.1090, 54.0644
Hunter-Lab	50.1969, 42.1556, -13.8382

Details

The RGB color **202, 103, 171** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **103, 202, 134**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **255, 157, 226**, and **146, 50, 119** is the 20% darker color. If you saturate the color by 10%, you get **202, 83, 165**, and if you desaturate by 10%, it is **202, 123, 177**.

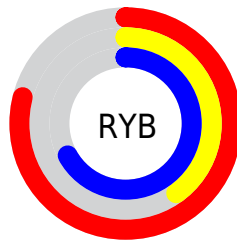
Distribution



Red (79%)

Green (40%)

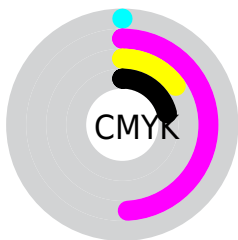
Blue (67%)



Red (79%)

Yellow (40%)

Blue (67%)

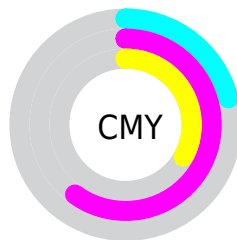


Cyan (0%)

Magenta (49%)

Yellow (15%)

Black (21%)



Cyan (21%)

Magenta (60%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RGB color 202, 103, 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 202, 103, 171 by changing the saturation by 10% instead.

 202, 103, 171


255, 255, 255

 255, 157, 226

 255, 185, 255


 255, 213, 255

 255, 242, 255

 202, 103, 171

 173, 77, 144

 146, 50, 119

 118, 20, 94

 92, 0, 70


 66, 0, 47


 43, 0, 27

 0, 0, 0

 202, 103, 171

 202, 83, 165

 202, 103, 171

 202, 123, 177

202, 63, 158

202, 143, 184

202, 42, 152

202, 164, 190

202, 22, 146

202, 184, 196

202, 2, 139

202, 204, 203

202, 0, 139

202, 224, 209

202, 244, 215

202, 255, 222

202, 255, 228

Harmonies

Analogous

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



157, 120, 208



202, 103, 171



220, 97, 126

Triad

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



202, 103, 171



150, 139, 42



0, 158, 192

Complementary

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



202, 103, 171



103, 202, 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, 159, 150



202, 103, 171



102, 151, 64

Square

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



202, 103, 171



188, 123, 52



7, 157, 103



0, 151, 221

Rectangle

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



202, 103, 171



218, 102, 97



7, 157, 103



0, 159, 179

Sweetspot

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



202, 103, 171



255, 217, 243



133, 103, 202



128, 105, 120



0, 0, 0



128, 128, 128

Same Dimension

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



202, 103, 171



255, 105, 208



202, 103, 123



102, 92, 99



166, 0, 114



38, 0, 26

Inverse Universe

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



202, 103, 171



255, 105, 208



103, 202, 182



102, 92, 99



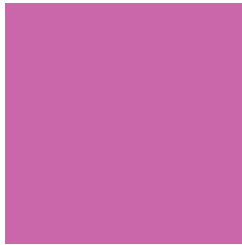
166, 0, 114



38, 0, 26

Previews

White Background



This preview shows how the RGB color 202, 103, 171 looks on a white background.

Color Contrast Check

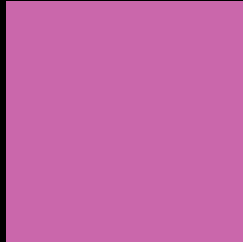
Large Text (above 18pt) WCAG AA ✓ Pass

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 202, 103, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

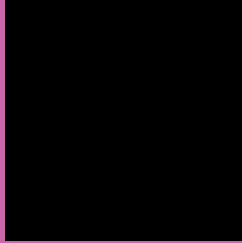
Any Text WCAG AA ✓ Pass

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 202, 103, 171 Background



This preview shows how black text looks on a background with the RGB color 202, 103, 171.

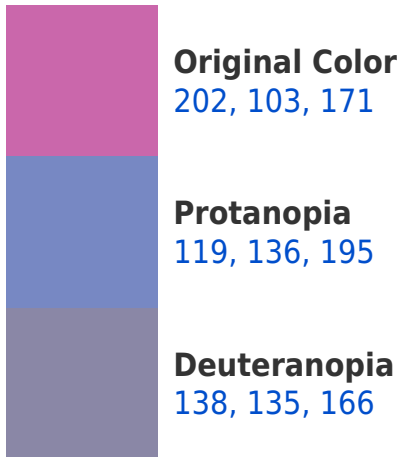



This preview shows how white text looks on a background with the RGB color 202, 103, 171.

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
197, 114, 122

Trichromacy



Original Color

202, 103, 171



Protanomaly

149, 124, 186



Deuteranomaly

161, 123, 168



Tritanomaly

199, 110, 140

Monochromacy



Original Color

202, 103, 171



Achromatopsia

140, 140, 140



Achromatomaly

163, 127, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 103, 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(202, 103, 171)` looks like.

```
.text, #text, p{  
    color:rgb(202, 103, 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(202, 103, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 103, 171) }
```

Border

The CSS property to change the border of an element to RGB 202, 103, 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(202, 103, 171) }
```

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

```
.border{ border-color:rgb(202, 103, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 103, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 103, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 103, 171);  
box-shadow:4px 4px 4px 4px rgb(202, 103,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 202, 103, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 103, 171) }
```

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

```
.background{ background-color: rgb(202,  
103, 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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