

Converting Colors

RGB(200, 102, 149)

Have a look what the booklet for
RGB(200, 102, 149) contains.

RGB(200, 102, 149)	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(200, 102, 149)

Conversions

Conversions Part 1

Format	Color
Hex	C86695
RGB	200, 102, 149
RGB Percent	78%, 40%, 58%
CMY	0.2157, 0.6000, 0.4157
CMYK	0.00, 0.49, 0.25, 0.22
HSL	331°, 47%, 59%
HSV	331°, 49%, 78%
XYZ	33.9956, 23.9520, 31.2652
YIQ	136.6600, 43.3210, 35.3930

Conversions

Conversions Part 2

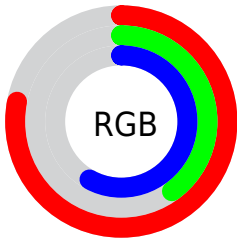
Format	Color
R _{YB}	200, 102, 149
Decimal	13133461
CIE Lab	56.04, 44.40, -7.74
CIE LCh	56, 45.074, 350.113
Yxy	23.9520, 0.3811, 0.2685
Android (android.graphics.Color)	4291323541 (0xFFC86695)
YUV	136.6600, 6.0836, 55.5492
Hunter-Lab	48.9408, 38.3445, -3.6181

Details

The RGB color **200, 102, 149** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **102, 200, 153**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 156, 203**, and **143, 50, 98** is the 20% darker color. If you saturate the color by 10%, you get **200, 82, 139**, and if you desaturate by 10%, it is **200, 122, 159**.

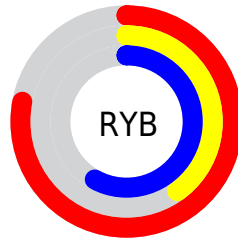
Distribution



Red (78%)

Green (40%)

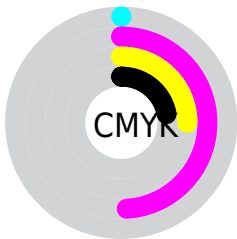
Blue (58%)



Red (78%)

Yellow (40%)

Blue (58%)

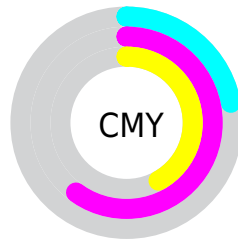


Cyan (0%)

Magenta (49%)

Yellow (25%)

Black (22%)



Cyan (22%)














Magenta (60%)





Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 102, 149 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 200, 102, 149 by changing the saturation by 10% instead.

 200, 102, 149	 200, 102, 149
255, 255, 255	 171, 76, 123
 255, 156, 203	 143, 50, 98
 255, 183, 231	 116, 21, 75
 255, 212, 255	 89, 0, 52
 255, 240, 255	 63, 0, 31
	 40, 0, 3
	 0, 0, 0

 200, 102, 149	 200, 102, 149
 200, 82, 139	 200, 122, 159

200, 62, 128

200, 142, 170

200, 42, 118

200, 162, 180

200, 22, 107

200, 182, 191

200, 2, 97

200, 202, 201

200, 0, 96

200, 222, 211

200, 242, 222

200, 255, 232

200, 255, 243

Harmonies

Analogous

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



170, 114, 185



200, 102, 149



207, 102, 110

Triad

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



200, 102, 149



131, 140, 57



0, 151, 194

Complementary

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



200, 102, 149



102, 200, 153

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, 154, 160



200, 102, 149



85, 149, 82

Square

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



200, 102, 149



168, 128, 55



0, 153, 120



0, 142, 211

Rectangle

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



200, 102, 149



201, 109, 86



0, 153, 120



0, 152, 184

Sweetspot

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



200, 102, 149



255, 217, 235



153, 102, 200



128, 105, 116



0, 0, 0



128, 128, 128

Same Dimension

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



200, 102, 149



255, 105, 177



200, 104, 102



99, 90, 94



163, 0, 78



36, 0, 17

Inverse Universe

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



200, 102, 149



255, 105, 177



102, 198, 200



99, 90, 94



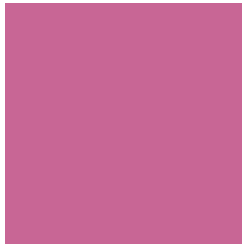
163, 0, 78



36, 0, 17

Previews

White Background



This preview shows how the RGB color 200, 102, 149 looks on a white background.

Color Contrast Check

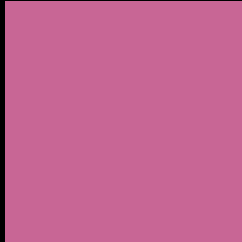
Large Text (above 18pt) WCAG AA ✓ Pass

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 200, 102, 149 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 200, 102, 149 Background



This preview shows how black text looks on a background with the RGB color 200, 102, 149.

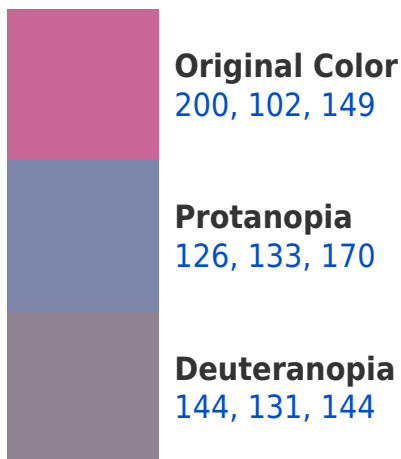



This preview shows how white text looks on a background with the RGB color 200, 102, 149.

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](#).

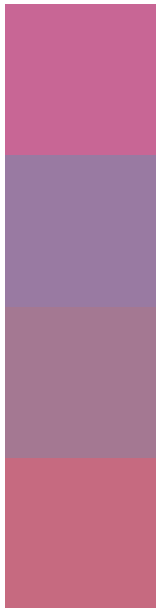
Dichromacy





Tritanopia
197, 108, 116

Trichromacy



Original Color

200, 102, 149

Protanomaly

153, 122, 162

Deuteranomaly

164, 120, 146

Tritanomaly

198, 106, 128

Monochromacy



Original Color

200, 102, 149

Achromatopsia

137, 137, 137

Achromatomaly

160, 124, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 102, 149 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(200, 102, 149) looks like.

```
.text, #text, p{  
    color:rgb(200, 102, 149)  
}
```

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(200, 102, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 102, 149) }
```

Border

The CSS property to change the border of an element to RGB 200, 102, 149 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(200, 102, 149) }
```

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

```
.border{ border-color:rgb(200, 102, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 102, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 102, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 102, 149);  
box-shadow:4px 4px 4px 4px rgb(200, 102,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 200, 102, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 102, 149) }
```

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

```
.background{ background-color: rgb(200,  
102, 149) }
```

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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