

Converting Colors

RGB(201, 102, 142)

Have a look what the booklet for
RGB(201, 102, 142) contains.

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Color

RGB(201, 102, 142)

Conversions

Conversions Part 1

Format	Color
Hex	C9668E
RGB	201, 102, 142
RGB Percent	79%, 40%, 56%
CMY	0.2118, 0.6000, 0.4431
CMYK	0.00, 0.49, 0.29, 0.21
HSL	336°, 48%, 59%
HSV	336°, 49%, 79%
XYZ	33.7213, 23.8732, 28.4219
YIQ	136.1610, 46.1640, 33.4280

Conversions

Conversions Part 2

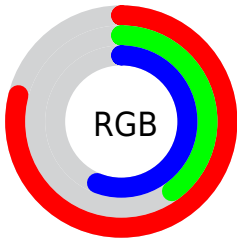
Format	Color
R_{YB}	201, 102, 142
Decimal	13198990
CIE _{Lab}	55.96, 43.79, -3.75
CIE _{LCh}	56, 43.948, 355.107
Yxy	23.8732, 0.3920, 0.2775
Android (android.graphics.Color)	4291389070 (0xFFC9668E)
YUV	136.1610, 2.8786, 56.8638
Hunter-Lab	48.8603, 37.6876, -0.2867

Details

The RGB color **201, 102, 142** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **102, 201, 161**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **255, 156, 196**, and **144, 50, 92** is the 20% darker color. If you saturate the color by 10%, you get **201, 82, 130**, and if you desaturate by 10%, it is **201, 122, 154**.

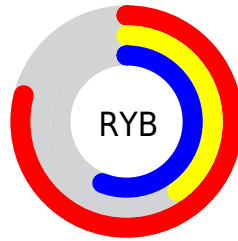
Distribution



Red (79%)

Green (40%)

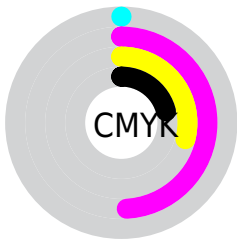
Blue (56%)



Red (79%)

Yellow (40%)

Blue (56%)

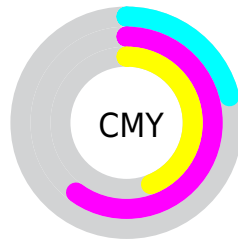


Cyan (0%)

Magenta (49%)

Yellow (29%)

Black (21%)



Cyan (21%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 102, 142 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 201, 102, 142 by changing the saturation by 10% instead.

 201, 102, 142

255, 255, 255

 255, 156, 196

 255, 183, 224

 255, 212, 252

 255, 240, 255

 201, 102, 142

 172, 76, 116

 144, 50, 92


 117, 21, 68


 90, 0, 46


 63, 0, 26

 40, 0, 1


 0, 0, 0


 201, 102, 142


 201, 82, 130


 201, 102, 142


 201, 122, 154


 201, 62, 118


 201, 142, 166

 201, 42, 106


 201, 162, 178

 201, 22, 94

 201, 182, 190


 201, 1, 82

 201, 203, 202

 201, 0, 81

 201, 223, 214

 201, 243, 226

 201, 255, 238

 201, 255, 250

Harmonies

Analogous

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



175, 112, 178



201, 102, 142



205, 104, 104

Triad

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



201, 102, 142



124, 142, 62



0, 149, 196

Complementary

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



201, 102, 142



102, 201, 161

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, 153, 165



201, 102, 142



77, 149, 89

Square

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



201, 102, 142



162, 130, 55



0, 153, 126



40, 140, 210

Rectangle

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



201, 102, 142



197, 111, 82



0, 153, 126



0, 151, 187

Sweetspot

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



201, 102, 142



255, 217, 232



160, 102, 201



128, 105, 114



0, 0, 0



128, 128, 128

Same Dimension

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



201, 102, 142



255, 105, 165



201, 110, 102



99, 90, 94



163, 0, 66



36, 0, 14

Inverse Universe

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



201, 102, 142



255, 105, 165



102, 193, 201



99, 90, 94



163, 0, 66



36, 0, 14

Previews

White Background



This preview shows how the RGB color 201, 102, 142 looks on a white background.

Color Contrast Check

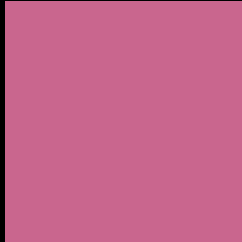
Large Text (above 18pt) WCAG AA ✓ Pass

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 201, 102, 142 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 201, 102, 142 Background



This preview shows how black text looks on a background with the RGB color 201, 102, 142.

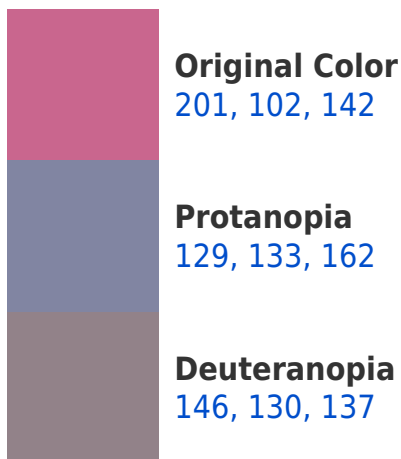


This preview shows how white text looks on a background with the RGB color 201, 102, 142.

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
199, 107, 115

Trichromacy



Original Color
201, 102, 142

Protanomaly
155, 122, 155

Deuteranomaly
166, 120, 139

Tritanomaly
200, 105, 125

Monochromacy



Original Color
201, 102, 142

Achromatopsia
136, 136, 136

Achromatomaly
160, 124, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 102, 142 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(201, 102, 142)` looks like.

```
.text, #text, p{  
    color:rgb(201, 102, 142)  
}
```

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(201, 102, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 102, 142) }
```

Border

The CSS property to change the border of an element to RGB 201, 102, 142 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(201, 102, 142) }
```

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

```
.border{ border-color:rgb(201, 102, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 102, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 102, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 102, 142);  
box-shadow:4px 4px 4px 4px rgb(201, 102,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 201, 102, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 102, 142) }
```

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

```
.background{ background-color: rgb(201,  
102, 142) }
```

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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