

Converting Colors

RGB(203, 112, 136)

Have a look what the booklet for
RGB(203, 112, 136) contains.

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Color

RGB(203, 112, 136)

Conversions

Conversions Part 1

Format	Color
Hex	CB7088
RGB	203, 112, 136
RGB Percent	80%, 44%, 53%
CMY	0.2039, 0.5608, 0.4667
CMYK	0.00, 0.45, 0.33, 0.20
HSL	344°, 47%, 62%
HSV	344°, 45%, 80%
XYZ	34.8667, 26.0624, 26.4854
YIQ	141.9450, 46.5320, 26.7560

Conversions

Conversions Part 2

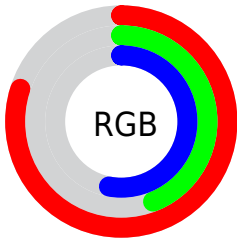
Format	Color
R_{YB}	203, 112, 136
Decimal	13332616
CIE _{Lab}	58.10, 38.55, 2.90
CIE _{LCh}	58, 38.656, 4.310
Yxy	26.0624, 0.3989, 0.2981
Android (android.graphics.Color)	4291522696 (0xFFCB7088)
YUV	141.9450, -2.9309, 53.5452
Hunter-Lab	51.0514, 32.5708, 4.9763

Details

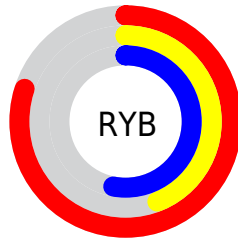
The RGB color **203, 112, 136** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **112, 203, 179**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **255, 165, 189**, and **146, 61, 86** is the 20% darker color. If you saturate the color by 10%, you get **203, 92, 121**, and if you desaturate by 10%, it is **203, 132, 151**.

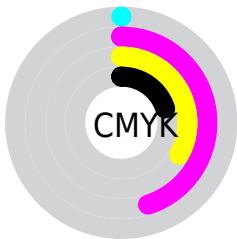
Distribution



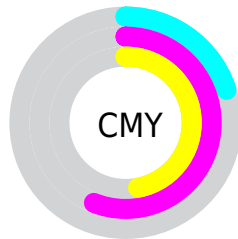
- Red (80%)
- Green (44%)
- Blue (53%)



- Red (80%)
- Yellow (44%)
- Blue (53%)



- Cyan (0%)
- Magenta (45%)
- Yellow (33%)
- Black (20%)



- Cyan (20%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 112, 136 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 203, 112, 136 by changing the saturation by 10% instead.

 203, 112, 136

255, 255, 255

 255, 165, 189

 255, 193, 217


 255, 222, 245

 255, 251, 255

 203, 112, 136

 174, 86, 111

 146, 61, 86

 119, 35, 63

 92, 5, 41

 65, 0, 21


 43, 0, 1


 0, 0, 0

 203, 112, 136

 203, 92, 121


 203, 112, 136


 203, 132, 151

 203, 71, 106

 203, 153, 166

 203, 51, 91

 203, 173, 181

 203, 31, 76

 203, 193, 196

 203, 11, 61

 203, 214, 211

 203, 0, 54

 203, 234, 226

 203, 254, 241

 203, 255, 255

Harmonies

Analogous

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



186, 117, 170



203, 112, 136



201, 116, 103

Triad

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



203, 112, 136



120, 149, 82



0, 151, 200

Complementary

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



203, 112, 136



112, 203, 179

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, 156, 177



203, 112, 136



77, 155, 109

Square

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



203, 112, 136



156, 139, 71



0, 157, 144



94, 141, 207

Rectangle

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



203, 112, 136



191, 123, 86



0, 157, 144



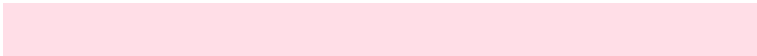
0, 153, 194

Sweetspot

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



203, 112, 136



255, 222, 231



179, 112, 203



128, 107, 112



0, 0, 0



128, 128, 128

Same Dimension

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



203, 112, 136



255, 117, 154



203, 133, 112



102, 92, 94



166, 0, 44



38, 0, 10

Inverse Universe

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



203, 112, 136



255, 117, 154



112, 182, 203



102, 92, 94



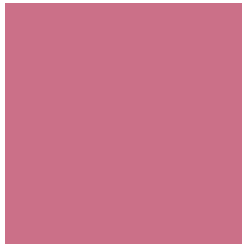
166, 0, 44



38, 0, 10

Previews

White Background



This preview shows how the RGB color 203, 112, 136 looks on a white background.

Color Contrast Check

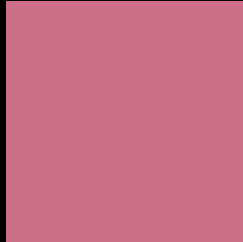
Large Text (above 18pt) WCAG AA ✓ Pass

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 203, 112, 136 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 203, 112, 136 Background



This preview shows how black text looks on a background with the RGB color 203, 112, 136.



This preview shows how white text looks on a background with the RGB color 203, 112, 136.

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



Original Color
203, 112, 136

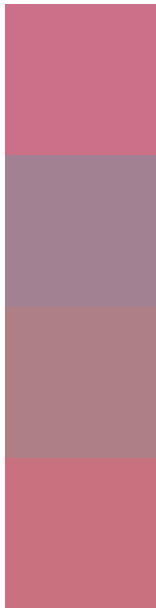
Protanopia
139, 139, 152

Deuteranopia
157, 135, 132



Tritanopia
202, 114, 123

Trichromacy



Original Color
203, 112, 136

Protanomaly
162, 129, 146

Deuteranomaly
174, 127, 133

Tritanomaly
202, 113, 128

Monochromacy



Original Color
203, 112, 136

Achromatopsia
142, 142, 142

Achromatomaly
164, 131, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 112, 136 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(203, 112, 136)` looks like.

```
.text, #text, p{  
    color:rgb(203, 112, 136)  
}
```

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(203, 112, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 112, 136) }
```

Border

The CSS property to change the border of an element to RGB 203, 112, 136 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(203, 112, 136) }
```

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

```
.border{ border-color:rgb(203, 112, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 112, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 112, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 112, 136);  
box-shadow:4px 4px 4px 4px rgb(203, 112,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 203, 112, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 112, 136) }
```

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

```
.background{ background-color: rgb(203,  
112, 136) }
```

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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