

Converting Colors

RGB(204, 102, 113)

Have a look what the booklet for
RGB(204, 102, 113) contains.

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Color

RGB(204, 102, 113)

Conversions

Conversions Part 1

Format	Color
Hex	CC6671
RGB	204, 102, 113
RGB Percent	80%, 40%, 44%
CMY	0.2000, 0.6000, 0.5569
CMYK	0.00, 0.50, 0.45, 0.20
HSL	354°, 50%, 60%
HSV	354°, 50%, 80%
XYZ	32.6338, 23.5324, 18.4450
YIQ	133.7520, 57.2610, 25.0450

Conversions

Conversions Part 2

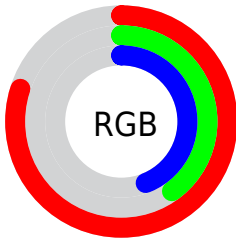
Format	Color
RYB	204, 102, 113
Decimal	13395569
CIELab	55.62, 41.43, 12.81
CIElCh	56, 43.362, 17.188
Yxy	23.5324, 0.4374, 0.3154
Android (android.graphics.Color)	4291585649 (0xFFCC6671)
YUV	133.7520, -10.2307, 61.6075
Hunter-Lab	48.5102, 35.1880, 11.4133

Details

The RGB color **204, 102, 113** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **102, 204, 193**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 155, 165**, and **146, 50, 65** is the 20% darker color. If you saturate the color by 10%, you get **204, 82, 95**, and if you desaturate by 10%, it is **204, 122, 131**.

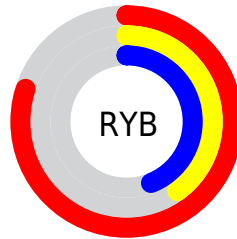
Distribution



Red (80%)

Green (40%)

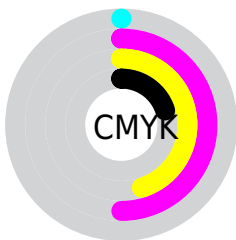
Blue (44%)



Red (80%)

Yellow (40%)

Blue (44%)

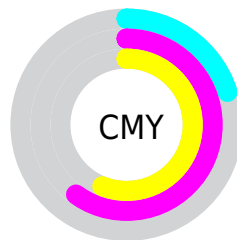


Cyan (0%)

Magenta (50%)

Yellow (45%)

Black (20%)



Cyan (20%)


Magenta (60%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 102, 113 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 204, 102, 113 by changing the saturation by 10% instead.

 204, 102, 113

255, 255, 255

 255, 155, 165

 255, 183, 192


 255, 211, 220

 255, 240, 248

 204, 102, 113

 175, 76, 89

 146, 50, 65

 118, 23, 43

 90, 0, 23

 64, 0, 0


 36, 0, 1

 0, 0, 0

 204, 102, 113

 204, 82, 95

 204, 102, 113

 204, 122, 131

 204, 61, 77

 204, 143, 149

 204, 41, 58

 204, 163, 168

 204, 20, 40

 204, 184, 186

 204, 0, 22

 204, 204, 204

 204, 224, 222

 204, 245, 240

 204, 255, 255

Harmonies

Analogous

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



195, 103, 151



204, 102, 113



194, 112, 79

Triad

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



204, 102, 113



91, 147, 80



0, 142, 206

Complementary

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



204, 102, 113



102, 204, 193

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, 149, 188



204, 102, 113



13, 151, 115

Square

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



204, 102, 113



134, 138, 58



0, 152, 154



109, 130, 205

Rectangle

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



204, 102, 113



179, 121, 63



0, 152, 154



0, 145, 202

Sweetspot

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



204, 102, 113



255, 217, 221



192, 102, 204



128, 105, 107



0, 0, 0



128, 128, 128

Same Dimension

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



204, 102, 113



255, 102, 118



204, 141, 102



102, 92, 93



166, 0, 18



38, 0, 4

Inverse Universe

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



204, 102, 113



255, 102, 119



102, 165, 204



102, 92, 93



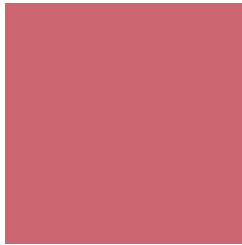
166, 0, 18



38, 0, 4

Previews

White Background



This preview shows how the RGB color 204, 102, 113 looks on a white background.

Color Contrast Check

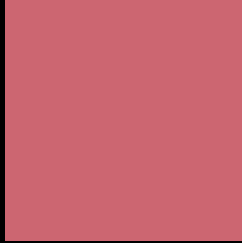
Large Text (above 18pt) WCAG AA ✓ Pass

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 204, 102, 113 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 204, 102, 113 Background



This preview shows how black text looks on a background with the RGB color 204, 102, 113.




This preview shows how white text looks on a background with the RGB color 204, 102, 113.

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
204, 103, 110

Trichromacy



Original Color
204, 102, 113

Protanomaly
161, 122, 123

Deuteranomaly
173, 119, 110

Tritanomaly
204, 103, 111

Monochromacy



Original Color
204, 102, 113

Achromatopsia
134, 134, 134

Achromatomaly
159, 122, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 102, 113 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(204, 102, 113)` looks like.

```
.text, #text, p{  
    color:rgb(204, 102, 113)  
}
```

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(204, 102, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 102, 113) }
```

Border

The CSS property to change the border of an element to RGB 204, 102, 113 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(204, 102, 113) }
```

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

```
.border{ border-color:rgb(204, 102, 113) }
```

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

Here you see how a box with a 4 pixel rgb(204, 102, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 102, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 102, 113);  
box-shadow:4px 4px 4px 4px rgb(204, 102,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 204, 102, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 102, 113) }
```

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

```
.background{ background-color: rgb(204,  
102, 113) }
```

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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