

Converting Colors

RGB(199, 106, 143)

Have a look what the booklet for
RGB(199, 106, 143) contains.

RGB(199, 106, 143)	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(199, 106, 143)

Conversions

Conversions Part 1

Format	Color
Hex	C76A8F
RGB	199, 106, 143
RGB Percent	78%, 42%, 56%
CMY	0.2196, 0.5843, 0.4392
CMYK	0.00, 0.47, 0.28, 0.22
HSL	336°, 45%, 60%
HSV	336°, 47%, 78%
XYZ	33.6651, 24.4334, 28.9284
YIQ	138.0250, 43.5510, 31.2230

Conversions

Conversions Part 2

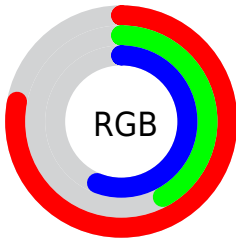
Format	Color
R_{YB}	199, 106, 143
Decimal	13068943
CIE _{Lab}	56.52, 41.18, -3.54
CIE _{LCh}	57, 41.337, 355.087
Yxy	24.4334, 0.3868, 0.2808
Android (android.graphics.Color)	4291259023 (0xFFC76A8F)
YUV	138.0250, 2.4527, 53.4751
Hunter-Lab	49.4301, 35.0675, -0.0977

Details

The RGB color **199, 106, 143** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **106, 199, 162**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 159, 197**, and **143, 55, 93** is the 20% darker color. If you saturate the color by 10%, you get **199, 86, 131**, and if you desaturate by 10%, it is **199, 126, 155**.

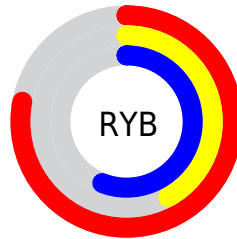
Distribution



Red (78%)

Green (42%)

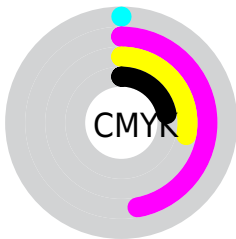
Blue (56%)



Red (78%)

Yellow (42%)

Blue (56%)

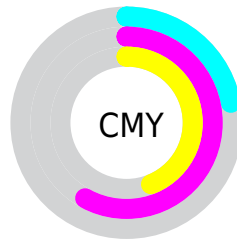


Cyan (0%)

Magenta (47%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 106, 143 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 199, 106, 143 by changing the saturation by 10% instead.

 199, 106, 143


255, 255, 255


 255, 159, 197

 255, 187, 225


 255, 215, 253

 255, 244, 255

 199, 106, 143

 170, 80, 117

 143, 55, 93

 115, 28, 69

 88, 0, 47

 62, 0, 26


 39, 0, 1

 0, 0, 0

 199, 106, 143

 199, 86, 131

 199, 106, 143

 199, 126, 155

199, 66, 119

199, 146, 167

199, 46, 107

199, 166, 179

199, 26, 95

199, 186, 191

199, 7, 83

199, 206, 203

199, 0, 79

199, 225, 215

199, 245, 227

199, 255, 239

199, 255, 251

Harmonies

Analogous

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



175, 115, 177



199, 106, 143



203, 108, 107

Triad

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



199, 106, 143



127, 143, 68



0, 150, 194

Complementary

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



199, 106, 143



106, 199, 162

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, 165



199, 106, 143



83, 150, 93

Square

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



199, 106, 143



162, 132, 62



0, 154, 128



56, 141, 207

Rectangle

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



199, 106, 143



195, 114, 86



0, 154, 128



0, 151, 186

Sweetspot

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



199, 106, 143



255, 219, 234



162, 106, 199



128, 106, 114



0, 0, 0



128, 128, 128

Same Dimension

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



199, 106, 143



255, 112, 169



199, 115, 106



99, 90, 93



163, 0, 65



36, 0, 14

Inverse Universe

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



199, 106, 143



255, 112, 169



106, 190, 199



99, 90, 93



163, 0, 65



36, 0, 14

Previews

White Background



This preview shows how the RGB color 199, 106, 143 looks on a white background.

Color Contrast Check

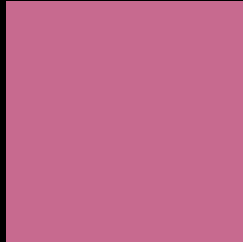
Large Text (above 18pt) WCAG AA ✓ Pass

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 199, 106, 143 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 199, 106, 143 Background



This preview shows how black text looks on a background with the RGB color 199, 106, 143.



This preview shows how white text looks on a background with the RGB color 199, 106, 143.

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, 111, 119

Trichromacy



Original Color

199, 106, 143

Protanomaly

156, 124, 154

Deuteranomaly

167, 123, 140

Tritanomaly

198, 109, 128

Monochromacy



Original Color

199, 106, 143

Achromatopsia

138, 138, 138

Achromatomaly

160, 126, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 106, 143 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(199, 106, 143)` looks like.

```
.text, #text, p{  
    color:rgb(199, 106, 143)  
}
```

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(199, 106, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 106, 143) }
```

Border

The CSS property to change the border of an element to RGB 199, 106, 143 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(199, 106, 143) }
```

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

```
.border{ border-color:rgb(199, 106, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 106, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 106, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 106, 143);  
box-shadow:4px 4px 4px 4px rgb(199, 106,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 199, 106, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 106, 143) }
```

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

```
.background{ background-color: rgb(199,  
106, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor