

Converting Colors

RGB(199, 149, 193)

Have a look what the booklet for
RGB(199, 149, 193) contains.

RGB(199, 149, 193)	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, 149, 193)

Conversions

Conversions Part 1

Format	Color
Hex	C795C1
RGB	199, 149, 193
RGB Percent	78%, 58%, 76%
CMY	0.2196, 0.4157, 0.2431
CMYK	0.00, 0.25, 0.03, 0.22
HSL	307°, 31%, 68%
HSV	307°, 25%, 78%
XYZ	43.9263, 37.4873, 55.3727
YIQ	168.9660, 15.6760, 24.2840

Conversions

Conversions Part 2

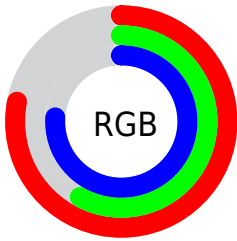
Format	Color
R_{YB}	199, 149, 193
Decimal	13080001
CIE _{Lab}	67.64, 26.05, -15.43
CIE _{LCh}	68, 30.279, 329.360
Yxy	37.4873, 0.3211, 0.2741
Android (android.graphics.Color)	4291270081 (0xFFC795C1)
YUV	168.9660, 11.8488, 26.3398
Hunter-Lab	61.2268, 20.9152, -10.7622

Details

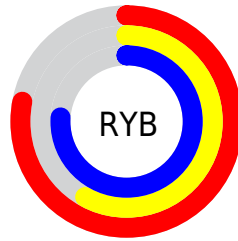
The RGB color **199, 149, 193** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **149, 199, 155**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 204, 250**, and **144, 98, 139** is the 20% darker color. If you saturate the color by 10%, you get **199, 129, 191**, and if you desaturate by 10%, it is **199, 169, 195**.

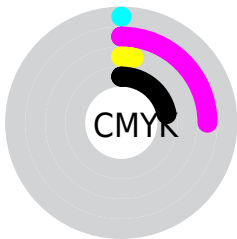
Distribution



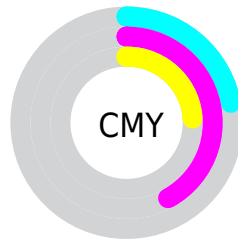
- Red (78%)
- Green (58%)
- Blue (76%)



- Red (78%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 149, 193 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, 149, 193 by changing the saturation by 10% instead.


 199, 149, 193

255, 255, 255


 255, 204, 250


 255, 232, 255

 199, 149, 193

 171, 123, 166

 144, 98, 139

 118, 73, 114

 93, 50, 89

 69, 27, 66

 45, 5, 44

 23, 0, 23

 0, 0, 0

 199, 149, 193

 199, 149, 193

199, 129, 191

199, 169, 195

199, 109, 188

199, 189, 198

199, 89, 186

199, 209, 200

199, 69, 183

199, 229, 203

199, 50, 181

199, 249, 205

199, 30, 179

199, 255, 207

199, 10, 176

199, 255, 210

199, 0, 175

199, 255, 212

199, 255, 214

Harmonies

Analogous

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



168, 158, 212



199, 149, 193



216, 144, 166

Triad

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



199, 149, 193



184, 163, 110



75, 179, 191

Complementary

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



199, 149, 193



149, 199, 155

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.



93, 180, 163



199, 149, 193



156, 171, 117

Square

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



199, 149, 193



207, 154, 119



124, 177, 136



90, 175, 211

Rectangle

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



199, 149, 193



219, 145, 148



124, 177, 136



78, 180, 182

Sweetspot

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



199, 149, 193



255, 235, 253



155, 149, 199



128, 115, 126



0, 0, 0



128, 128, 128

Same Dimension

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



199, 149, 193



255, 179, 246



199, 149, 168



99, 90, 98



163, 0, 144



36, 0, 31

Inverse Universe

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



199, 149, 193



255, 179, 246



149, 199, 180



99, 90, 98



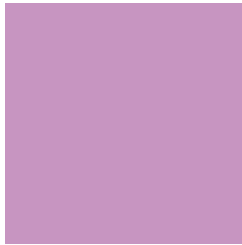
163, 0, 144



36, 0, 31

Previews

White Background



This preview shows how the RGB color 199, 149, 193 looks on a white background.

Color Contrast Check

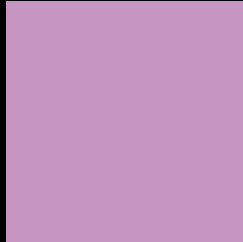
Large Text (above 18pt) WCAG AA × Fail

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, 149, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

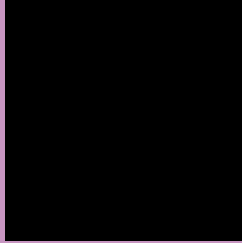
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 199, 149, 193 Background



This preview shows how black text looks on a background with the RGB color 199, 149, 193.



This preview shows how white text looks on a background with the RGB color 199, 149, 193.

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
199, 149, 193

Protanopia
156, 163, 203

Deuteranopia
169, 161, 191



Tritanopia
195, 154, 166

Trichromacy



Original Color
199, 149, 193

Protanomaly
172, 158, 199

Deuteranomaly
180, 157, 192

Tritanomaly
196, 152, 176

Monochromacy



Original Color
199, 149, 193

Achromatopsia
169, 169, 169

Achromatomaly
180, 162, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 149, 193 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, 149, 193)` looks like.

```
.text, #text, p{  
    color:rgb(199, 149, 193)  
}
```

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, 149, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 149, 193) }
```

Border

The CSS property to change the border of an element to RGB 199, 149, 193 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, 149, 193) }
```

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

```
.border{ border-color:rgb(199, 149, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 149, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 149, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 149, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 149,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 199, 149, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 149, 193) }
```

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

```
.background{ background-color: rgb(199,  
149, 193) }
```

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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