

Converting Colors

RGB(195, 49, 101)

Have a look what the booklet for
RGB(195, 49, 101) contains.

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Color

RGB(195, 49, 101)

Conversions

Conversions Part 1

Format	Color
Hex	C33165
RGB	195, 49, 101
RGB Percent	76%, 19%, 40%
CMY	0.2353, 0.8078, 0.6039
CMYK	0.00, 0.75, 0.48, 0.24
HSL	339°, 60%, 48%
HSV	339°, 75%, 76%
XYZ	25.9530, 14.7383, 13.7888
YIQ	98.5820, 70.3240, 47.1240

Conversions

Conversions Part 2

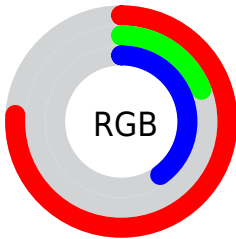
Format	Color
R_{YB}	195, 49, 101
Decimal	12792165
CIE _{Lab}	45.27, 60.27, 5.21
CIE _{LCh}	45, 60.493, 4.940
Yxy	14.7383, 0.4764, 0.2705
Android (android.graphics.Color)	4290982245 (0xFFC33165)
YUV	98.5820, 1.1921, 84.5586
Hunter-Lab	38.3905, 53.4871, 5.5780

Details

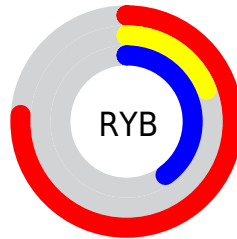
The RGB color **195, 49, 101** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **49, 195, 143**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **255, 108, 152**, and **135, 0, 55** is the 20% darker color. If you saturate the color by 10%, you get **195, 29, 88**, and if you desaturate by 10%, it is **195, 68, 114**.

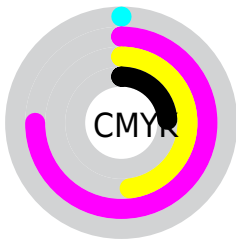
Distribution



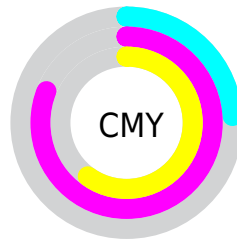
- Red (76%)
- Green (19%)
- Blue (40%)



- Red (76%)
- Yellow (19%)
- Blue (40%)



- Cyan (0%)
- Magenta (75%)
- Yellow (48%)
- Black (24%)



- Cyan (24%)
- Magenta (81%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 49, 101 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 195, 49, 101 by changing the saturation by 10% instead.



195, 49, 101



195, 49, 101

255, 255, 255



165, 4, 77



255, 108, 152



135, 0, 55



255, 136, 178



106, 0, 34



255, 164, 206



78, 0, 10



255, 193, 234



50, 0, 2



255, 222, 255



0, 0, 0



255, 252, 255



195, 49, 101



195, 49, 101



195, 29, 88



195, 68, 114

■ 195, 10, 76

■ 195, 88, 126

■ 195, 0, 69

■ 195, 108, 139

■ 195, 127, 151

■ 195, 147, 164

■ 195, 166, 176

■ 195, 185, 189

■ 195, 205, 201

■ 195, 224, 214

Harmonies

Analogous

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



173, 63, 151



195, 49, 101



189, 64, 52

Triad

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



195, 49, 101



69, 120, 1



0, 124, 199

Complementary

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



195, 49, 101



49, 195, 143

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, 129, 164



195, 49, 101



0, 127, 62

Square

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



195, 49, 101



122, 108, 0



0, 130, 114



0, 111, 209

Rectangle

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



195, 49, 101



173, 80, 19



0, 130, 114



0, 126, 190

Sweetspot

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



195, 49, 101



252, 197, 217



141, 49, 195



128, 94, 106



0, 0, 0



128, 128, 128

Same Dimension

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



195, 49, 101



252, 25, 106



195, 68, 49



97, 87, 91



161, 0, 57



33, 0, 12

Inverse Universe

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



195, 49, 101



252, 25, 106



49, 176, 195



97, 87, 91



161, 0, 57



33, 0, 12

Previews

White Background



This preview shows how the RGB color 195, 49, 101 looks on a white background.

Color Contrast Check

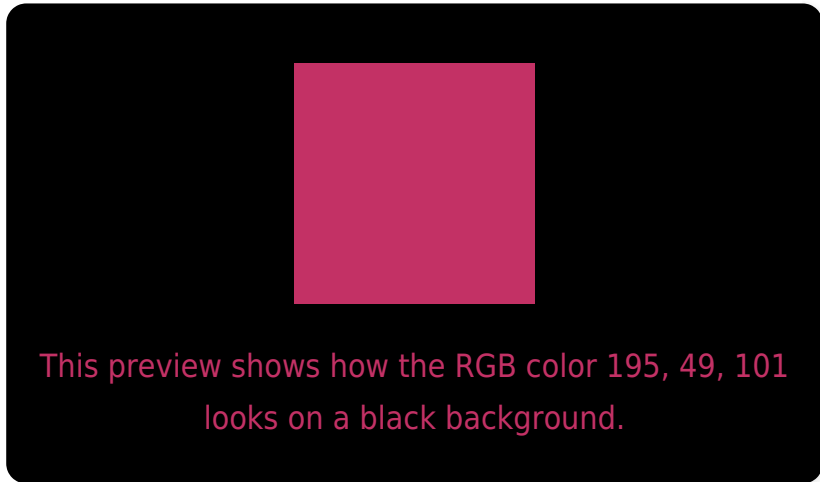
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

RGB 195, 49, 101 Background



This preview shows how black text looks on a background with the RGB color 195, 49, 101.

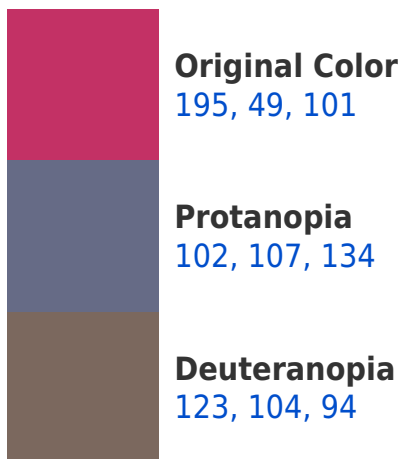


This preview shows how white text looks on a background with the RGB color 195, 49, 101.

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](#).

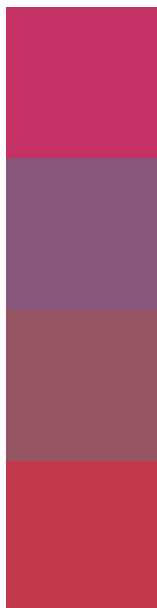
Dichromacy





Tritanopia
193, 59, 62

Trichromacy



Original Color

195, 49, 101

Protanomaly

136, 86, 122

Deuteranomaly

149, 84, 97

Tritanomaly

194, 55, 76

Monochromacy



Original Color

195, 49, 101

Achromatopsia

99, 99, 99

Achromatomaly

134, 81, 100

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 49, 101 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(195, 49, 101)` looks like.

```
.text, #text, p{  
    color:rgb(195, 49, 101)  
}
```

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(195, 49, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 49, 101) }
```

Border

The CSS property to change the border of an element to RGB 195, 49, 101 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(195, 49, 101) }
```

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

```
.border{ border-color:rgb(195, 49, 101) }
```

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

Here you see how a box with a 4 pixel rgb(195, 49, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 49, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 49, 101);  
box-shadow:4px 4px 4px 4px rgb(195, 49,  
101) }
```

Background

The CSS property to change the background color of an element to RGB 195, 49, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 49, 101) }
```

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

```
.background{ background-color: rgb(195, 49,  
101) }
```

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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