

Converting Colors

RGB(99, 50, 123)

Have a look what the booklet for
RGB(99, 50, 123) contains.

RGB(99, 50, 123)	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(99, 50, 123)

Conversions

Conversions Part 1

Format	Color
Hex	63327B
RGB	99, 50, 123
RGB Percent	39%, 20%, 48%
CMY	0.6118, 0.8039, 0.5176
CMYK	0.20, 0.59, 0.00, 0.52
HSL	280°, 42%, 34%
HSV	280°, 59%, 48%
XYZ	9.8613, 6.3639, 19.4475
YIQ	72.9730, 5.7710, 33.0910

Conversions

Conversions Part 2

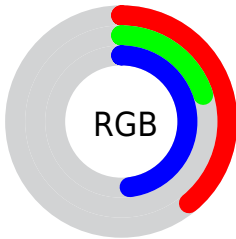
Format	Color
R_{YB}	99, 50, 123
Decimal	6500987
CIE _{Lab}	30.31, 35.32, -32.78
CIE _{LCh}	30, 48.192, 317.136
Yxy	6.3639, 0.2764, 0.1784
Android (android.graphics.Color)	4284691067 (0xFF63327B)
YUV	72.9730, 24.6633, 22.8257
Hunter-Lab	25.2268, 25.6301, -28.0483

Details

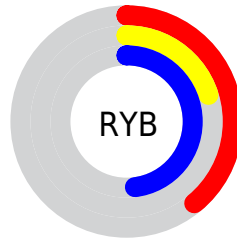
The RGB color **99, 50, 123** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **74, 123, 50**, and the grayscale version is **73, 73, 73**.

A 20% lighter version of the original color is **152, 99, 176**, and **49, 1, 74** is the 20% darker color. If you saturate the color by 10%, you get **95, 38, 123**, and if you desaturate by 10%, it is **103, 62, 123**.

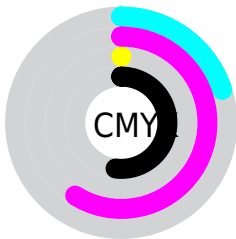
Distribution



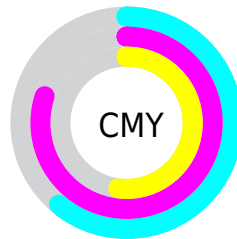
- Red (39%)
- Green (20%)
- Blue (48%)



- Red (39%)
- Yellow (20%)
- Blue (48%)



- Cyan (20%)
- Magenta (59%)
- Yellow (0%)
- Black (52%)



- Cyan (61%)
- Magenta (80%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 50, 123 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 99, 50, 123 by changing the saturation by 10% instead.



99, 50, 123



99, 50, 123

255, 255, 255



74, 26, 98



152, 99, 176



49, 1, 74



179, 124, 204



30, 0, 51



207, 151, 232



0, 2, 29



236, 178, 255



0, 0, 0



255, 206, 255



255, 234, 255



99, 50, 123



99, 50, 123



95, 38, 123



103, 62, 123

■ 91, 25, 123

■ 107, 75, 123

■ 87, 13, 123

■ 111, 87, 123

■ 83, 1, 123

■ 115, 99, 123

■ 83, 0, 123

■ 119, 112, 123

■ 123, 124, 123

■ 127, 136, 123

■ 131, 148, 123

■ 135, 161, 123

Harmonies

Analogous

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



21, 68, 144



99, 50, 123



129, 30, 89

Triad

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



99, 50, 123



101, 64, 0



0, 88, 92

Complementary

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



99, 50, 123



74, 123, 50

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, 87, 53



99, 50, 123



68, 76, 0

Square

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



99, 50, 123



125, 46, 16



14, 83, 13



0, 86, 126

Rectangle

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



99, 50, 123



136, 26, 64



14, 83, 13



0, 88, 80

Sweetspot

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



99, 50, 123



151, 132, 161



50, 74, 123



76, 64, 82



209, 209, 209



82, 82, 82

Same Dimension

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



99, 50, 123



123, 47, 161



123, 50, 111



59, 55, 61



84, 0, 125



169, 0, 252

Inverse Universe

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



123, 50, 74



161, 47, 84



50, 123, 62



61, 55, 57



125, 0, 41



252, 0, 83

Previews

White Background



This preview shows how the RGB color 99, 50, 123 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

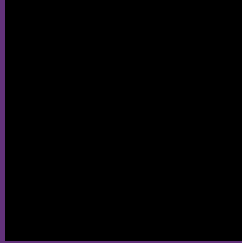
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 99, 50, 123 Background



This preview shows how black text looks on a background with the RGB color 99, 50, 123.



This preview shows how white text looks on a background with the RGB color 99, 50, 123.

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
99, 50, 123

Protanopia
25, 70, 143

Deuteranopia
42, 72, 119



Tritanopia
91, 65, 70

Trichromacy



Original Color
99, 50, 123

Protanomaly
52, 63, 136

Deuteranomaly
63, 64, 120

Tritanomaly
94, 60, 89

Monochromacy



Original Color
99, 50, 123

Achromatopsia
73, 73, 73

Achromatomaly
82, 65, 91

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 50, 123 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(99, 50, 123) looks like.

```
.text, #text, p{  
    color:rgb(99, 50, 123)  
}
```

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(99, 50, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 50, 123) }
```

Border

The CSS property to change the border of an element to RGB 99, 50, 123 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(99, 50, 123) }
```

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

```
.border{ border-color:rgb(99, 50, 123) }
```

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

Here you see how a box with a 4 pixel rgb(99, 50, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 50, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 50, 123);  
box-shadow:4px 4px 4px 4px rgb(99, 50,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 99, 50, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 50, 123) }
```

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

```
.background{ background-color: rgb(99, 50,  
123) }
```

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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