

Converting Colors

RGB(99, 61, 154)

Have a look what the booklet for
RGB(99, 61, 154) contains.

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Color

RGB(99, 61, 154)

Conversions

Conversions Part 1

Format	Color
Hex	633D9A
RGB	99, 61, 154
RGB Percent	39%, 24%, 60%
CMY	0.6118, 0.7608, 0.3961
CMYK	0.36, 0.60, 0.00, 0.40
HSL	265°, 43%, 42%
HSV	265°, 60%, 60%
XYZ	12.6471, 8.3232, 31.5118
YIQ	82.9640, -7.2050, 36.9790

Conversions

Conversions Part 2

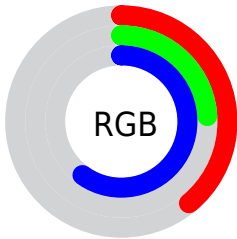
Format	Color
R_{YB}	99, 61, 154
Decimal	6503834
CIE _{Lab}	34.65, 36.96, -44.97
CIE _{LCh}	35, 58.206, 309.413
Yxy	8.3232, 0.2410, 0.1586
Android (android.graphics.Color)	4284693914 (0xFF633D9A)
YUV	82.9640, 35.0207, 14.0636
Hunter-Lab	28.8500, 27.7621, -44.5653

Details

The RGB color **99, 61, 154** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **116, 154, 61**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **153, 110, 209**, and **46, 14, 102** is the 20% darker color. If you saturate the color by 10%, you get **90, 46, 154**, and if you desaturate by 10%, it is **108, 76, 154**.

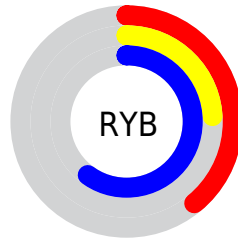
Distribution



Red (39%)

Green (24%)

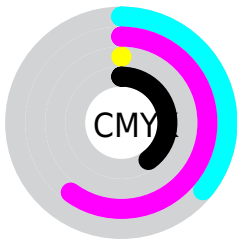
Blue (60%)



Red (39%)

Yellow (24%)

Blue (60%)

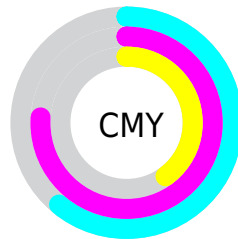


Cyan (36%)

Magenta (60%)

Yellow (0%)

Black (40%)



Cyan (61%)

Magenta (76%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 61, 154 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, 61, 154 by changing the saturation by 10% instead.



99, 61, 154



99, 61, 154

255, 255, 255



73, 38, 128



153, 110, 209



46, 14, 102



181, 136, 238



18, 0, 77



209, 163, 255



0, 0, 54



238, 190, 255



0, 2, 32



255, 218, 255



0, 0, 3



255, 247, 255



0, 0, 0



99, 61, 154



99, 61, 154



90, 46, 154



108, 76, 154

81, 30, 154

117, 92, 154

72, 15, 154

126, 107, 154

63, 0, 154

135, 123, 154

145, 138, 154

154, 153, 154

163, 169, 154

172, 184, 154

181, 200, 154

Harmonies

Analogous

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



0, 83, 174



99, 61, 154



146, 31, 115

Triad

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



99, 61, 154



125, 67, 0



0, 101, 95

Complementary

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



99, 61, 154



116, 154, 61

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, 99, 47



99, 61, 154



87, 84, 0

Square

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



99, 61, 154



152, 41, 24



31, 94, 0



0, 100, 140

Rectangle

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



99, 61, 154



159, 14, 84



31, 94, 0



0, 101, 79

Sweetspot

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



99, 61, 154



180, 165, 201



61, 117, 154



89, 80, 102



230, 230, 230



102, 102, 102

Same Dimension

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



99, 61, 154



116, 56, 201



145, 61, 154



72, 69, 77



57, 0, 140



5, 0, 13

Inverse Universe

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



154, 61, 116



201, 56, 142



70, 154, 61



77, 69, 73



140, 0, 83



13, 0, 8

Previews

White Background



This preview shows how the RGB color 99, 61, 154 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, 61, 154 Background



This preview shows how black text looks on a background with the RGB color 99, 61, 154.

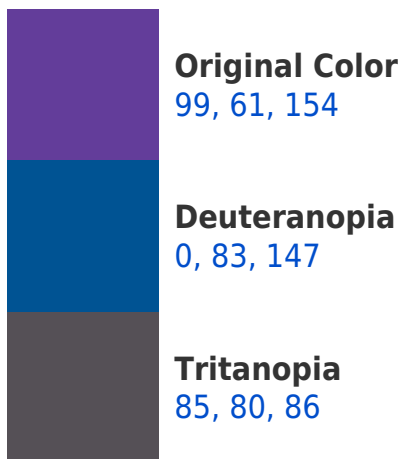


This preview shows how white text looks on a background with the RGB color 99, 61, 154.

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



Trichromacy



Original Color

99, 61, 154

Deuteranomaly

36, 75, 150

Tritanomaly

90, 73, 111

Monochromacy



Original Color

99, 61, 154

Achromatopsia

83, 83, 83

Achromatomaly

89, 75, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 61, 154 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, 61, 154) looks like.

```
.text, #text, p{  
    color:rgb(99, 61, 154)  
}
```

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, 61, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 61, 154) }
```

Border

The CSS property to change the border of an element to RGB 99, 61, 154 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, 61, 154) }
```

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

```
.border{ border-color:rgb(99, 61, 154) }
```

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

Here you see how a box with a 4 pixel rgb(99, 61, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 61, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 61, 154);  
box-shadow:4px 4px 4px 4px rgb(99, 61,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 99, 61, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 61, 154) }
```

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

```
.background{ background-color: rgb(99, 61,  
154) }
```

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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