

Converting Colors

RGB(151, 102, 159)

Have a look what the booklet for
RGB(151, 102, 159) contains.

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Color

RGB(151, 102, 159)

Conversions

Conversions Part 1

Format	Color
Hex	97669F
RGB	151, 102, 159
RGB Percent	59%, 40%, 62%
CMY	0.4078, 0.6000, 0.3765
CMYK	0.05, 0.36, 0.00, 0.38
HSL	292°, 23%, 51%
HSV	292°, 36%, 62%
XYZ	23.7719, 18.5853, 35.1353
YIQ	123.1490, 10.9070, 28.1150

Conversions

Conversions Part 2

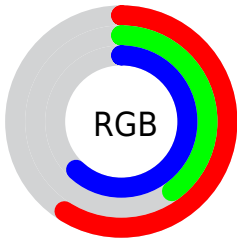
Format	Color
R_{YB}	151, 102, 159
Decimal	9922207
CIE _{Lab}	50.20, 29.69, -23.04
CIE _{LCh}	50, 37.582, 322.179
Yxy	18.5853, 0.3068, 0.2398
Android (android.graphics.Color)	4288112287 (0xFF97669F)
YUV	123.1490, 17.6745, 24.4253
Hunter-Lab	43.1106, 22.9841, -18.1441

Details

The RGB color **151, 102, 159** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110, 159, 102**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **206, 154, 214**, and **99, 54, 107** is the 20% darker color. If you saturate the color by 10%, you get **149, 86, 159**, and if you desaturate by 10%, it is **153, 118, 159**.

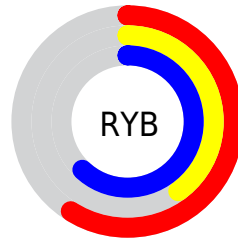
Distribution



Red (59%)

Green (40%)

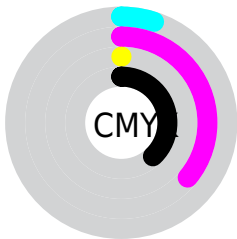
Blue (62%)



Red (59%)

Yellow (40%)

Blue (62%)

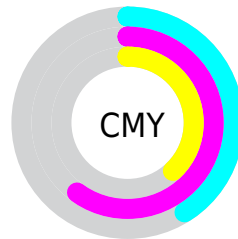


Cyan (5%)

Magenta (36%)

Yellow (0%)

Black (38%)



Cyan (41%)


Magenta (60%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 102, 159 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 151, 102, 159 by changing the saturation by 10% instead.

 151, 102, 159

255, 255, 255

 206, 154, 214


 235, 181, 242

 255, 209, 255

 255, 237, 255

 151, 102, 159

 149, 86, 159

 151, 102, 159

 125, 77, 133

 99, 54, 107


 74, 30, 83


 50, 7, 60


 33, 0, 38

 0, 1, 14

 0, 0, 0

 151, 102, 159

 153, 118, 159


 147, 70, 159


 155, 134, 159

 144, 54, 159

 158, 150, 159

 142, 38, 159

 160, 166, 159

 140, 22, 159

 162, 182, 159

 138, 7, 159

 164, 197, 159

 137, 0, 159

 167, 213, 159

 169, 229, 159

 171, 245, 159

Harmonies

Analogous

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



109, 114, 179



151, 102, 159



175, 94, 129

Triad

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



151, 102, 159



146, 115, 55



0, 136, 143

Complementary

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



151, 102, 159



110, 159, 102

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.



9, 135, 110



151, 102, 159



115, 125, 58

Square

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



151, 102, 159



169, 103, 70



77, 132, 79



0, 132, 169

Rectangle

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



151, 102, 159



180, 93, 108



77, 132, 79



0, 136, 132

Sweetspot

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



151, 102, 159



203, 184, 207



102, 111, 159



103, 91, 105



232, 232, 232



105, 105, 105

Same Dimension

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



151, 102, 159



194, 118, 207



159, 102, 139



78, 71, 79



123, 0, 143



13, 0, 15

Inverse Universe

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



159, 102, 110



207, 118, 130



102, 159, 122



79, 71, 72



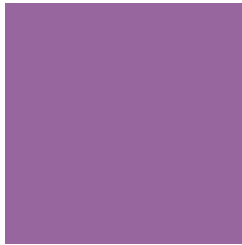
143, 0, 20



15, 0, 2

Previews

White Background



This preview shows how the RGB color 151, 102, 159 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 151, 102, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

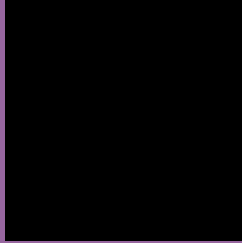
Any Text WCAG AA ✓ Pass

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 151, 102, 159 Background



This preview shows how black text looks on a background with the RGB color 151, 102, 159.

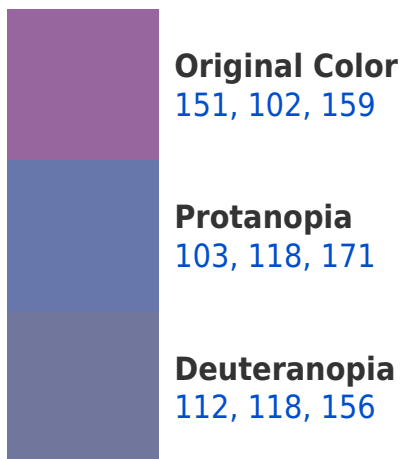



This preview shows how white text looks on a background with the RGB color 151, 102, 159.

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
145, 110, 119

Trichromacy



Original Color
151, 102, 159

Protanomaly
120, 112, 167

Deuteranomaly
126, 112, 157

Tritanomaly
147, 107, 134

Monochromacy



Original Color
151, 102, 159

Achromatopsia
123, 123, 123

Achromatomaly
133, 115, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 102, 159 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(151, 102, 159)` looks like.

```
.text, #text, p{  
    color:rgb(151, 102, 159)  
}
```

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(151, 102, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 102, 159) }
```

Border

The CSS property to change the border of an element to RGB 151, 102, 159 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(151, 102, 159) }
```

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

```
.border{ border-color:rgb(151, 102, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 102, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 102, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 102, 159);  
box-shadow:4px 4px 4px 4px rgb(151, 102,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 151, 102, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 102, 159) }
```

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

```
.background{ background-color: rgb(151,  
102, 159) }
```

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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