

Converting Colors

RGB(151, 93, 163)

Have a look what the booklet for
RGB(151, 93, 163) contains.

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Color

RGB(151, 93, 163)

Conversions

Conversions Part 1

Format	Color
Hex	975DA3
RGB	151, 93, 163
RGB Percent	59%, 36%, 64%
CMY	0.4078, 0.6353, 0.3608
CMYK	0.07, 0.43, 0.00, 0.36
HSL	290°, 28%, 50%
HSV	290°, 43%, 64%
XYZ	23.2877, 17.0524, 36.7144
YIQ	118.3220, 12.0980, 34.0660

Conversions

Conversions Part 2

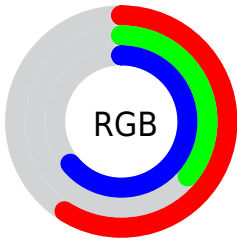
Format	Color
R_{YB}	151, 93, 163
Decimal	9919907
CIE _{Lab}	48.33, 35.60, -28.30
CIE _{LCh}	48, 45.481, 321.523
Yxy	17.0524, 0.3022, 0.2213
Android (android.graphics.Color)	4288109987 (0xFF975DA3)
YUV	118.3220, 22.0263, 28.6586
Hunter-Lab	41.2945, 28.3983, -23.8078

Details

The RGB color **151, 93, 163** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **105, 163, 93**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **206, 145, 218**, and **98, 44, 111** is the 20% darker color. If you saturate the color by 10%, you get **148, 77, 163**, and if you desaturate by 10%, it is **154, 109, 163**.

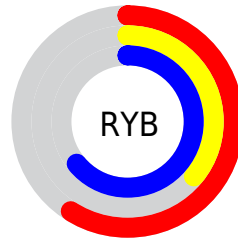
Distribution



Red (59%)

Green (36%)

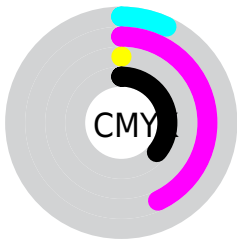
Blue (64%)



Red (59%)

Yellow (36%)

Blue (64%)

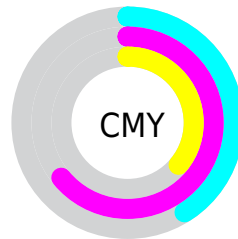


Cyan (7%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (41%)


Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 93, 163 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, 93, 163 by changing the saturation by 10% instead.

 151, 93, 163


255, 255, 255

 206, 145, 218

 235, 172, 247

 255, 199, 255

 255, 228, 255

 151, 93, 163

 124, 68, 137

 98, 44, 111


 73, 20, 86

 49, 0, 63


 29, 0, 41

 0, 1, 18

 0, 0, 0

 151, 93, 163

 148, 77, 163

 151, 93, 163


 154, 109, 163


 145, 60, 163

 157, 126, 163

 143, 44, 163

 159, 142, 163

 140, 28, 163

 162, 158, 163

 137, 12, 163

 165, 175, 163

 135, 0, 163

 168, 191, 163

 171, 207, 163

 173, 223, 163

 176, 240, 163

Harmonies

Analogous

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



97, 109, 186



151, 93, 163



179, 81, 127

Triad

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



151, 93, 163



145, 109, 34



0, 133, 142

Complementary

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



151, 93, 163



105, 163, 93

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, 133, 102



151, 93, 163



109, 121, 38

Square

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



151, 93, 163



172, 94, 55



61, 129, 65



0, 130, 174

Rectangle

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



151, 93, 163



185, 80, 101



61, 129, 65



0, 134, 129

Sweetspot

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



151, 93, 163



207, 184, 212



93, 106, 163



104, 90, 107



235, 235, 235



107, 107, 107

Same Dimension

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



151, 93, 163



193, 102, 212



163, 93, 141



80, 73, 82



120, 0, 145



15, 0, 18

Inverse Universe

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



163, 93, 105



212, 102, 120



93, 163, 115



82, 73, 75



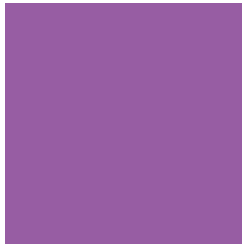
145, 0, 25



18, 0, 3

Previews

White Background



This preview shows how the RGB color 151, 93, 163 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



This preview shows how the RGB color 151, 93, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

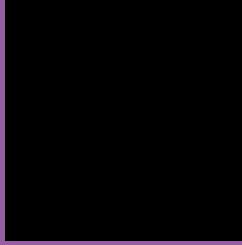
Any Text WCAG AA × Fail

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 151, 93, 163 Background



This preview shows how black text looks on a background with the RGB color 151, 93, 163.



This preview shows how white text looks on a background with the RGB color 151, 93, 163.

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
151, 93, 163

Protanopia
91, 113, 180

Deuteranopia
101, 114, 159



Tritanopia
144, 104, 112

Trichromacy



Original Color
151, 93, 163

Protanomaly
113, 106, 174

Deuteranomaly
119, 106, 160

Tritanomaly
147, 100, 131

Monochromacy



Original Color
151, 93, 163

Achromatopsia
118, 118, 118

Achromatomaly
130, 109, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 93, 163 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, 93, 163)` looks like.

```
.text, #text, p{  
    color:rgb(151, 93, 163)  
}
```

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, 93, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 93, 163) }
```

Border

The CSS property to change the border of an element to RGB 151, 93, 163 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, 93, 163) }
```

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

```
.border{ border-color:rgb(151, 93, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 93, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 93, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 93, 163);  
box-shadow:4px 4px 4px 4px rgb(151, 93,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 151, 93, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 93, 163) }
```

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

```
.background{ background-color: rgb(151, 93,  
163) }
```

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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