

# Converting Colors

RGB(151, 79, 175)

Have a look what the booklet for  
RGB(151, 79, 175) contains.

<b>RGB(151, 79, 175)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(151, 79, 175)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	974FAF
RGB	151, 79, 175
RGB Percent	59%, 31%, 69%
CMY	0.4078, 0.6902, 0.3137
CMYK	0.14, 0.55, 0.00, 0.31
HSL	285°, 38%, 50%
HSV	285°, 55%, 69%
XYZ	23.2963, 15.2664, 42.2763
YIQ	111.4720, 12.0960, 45.1200

# Conversions

## Conversions Part 2

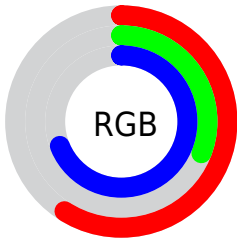
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 79, 175
Decimal	9916335
CIE <sub>Lab</sub>	46.00, 45.68, -39.02
CIE <sub>LCh</sub>	46, 60.075, 319.500
Yxy	15.2664, 0.2882, 0.1888
Android (android.graphics.Color)	4288106415 (0xFF974FAF)
YUV	111.4720, 31.3193, 34.6661
Hunter-Lab	39.0723, 38.0519, -36.8014

# Details

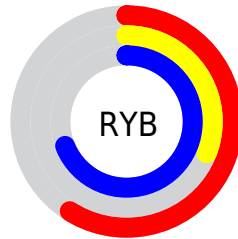
The RGB color **151, 79, 175** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **103, 175, 79**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **207, 131, 231**, and **97, 27, 122** is the 20% darker color. If you saturate the color by 10%, you get **147, 62, 175**, and if you desaturate by 10%, it is **155, 97, 175**.

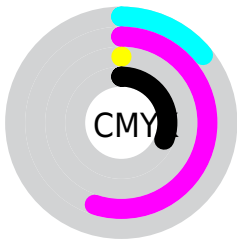
# Distribution



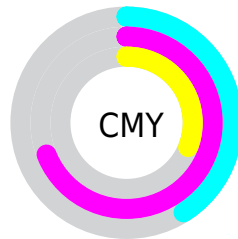
- Red (59%)
- Green (31%)
- Blue (69%)



- Red (59%)
- Yellow (31%)
- Blue (69%)



- Cyan (14%)
- Magenta (55%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (69%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 151, 79, 175 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, 79, 175 by changing the saturation by 10% instead.





151, 79, 175



151, 79, 175

255, 255, 255



124, 54, 148



207, 131, 231



97, 27, 122



236, 158, 255



71, 0, 97



255, 186, 255



46, 0, 72



255, 214, 255



22, 0, 49



255, 243, 255



0, 1, 27



0, 0, 0



151, 79, 175



151, 79, 175





147, 62, 175



155, 97, 175

 142, 44, 175


 160, 114, 175

 138, 26, 175

 164, 132, 175

 134, 9, 175

 169, 149, 175

 131, 0, 175

 173, 167, 175

 177, 184, 175

 182, 202, 175

 186, 219, 175

 190, 237, 175

# Harmonies

## Analogous

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



65, 103, 205



151, 79, 175



189, 56, 129

# Triad

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



151, 79, 175



146, 100, 0



0, 132, 141

# Complementary

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



151, 79, 175



103, 175, 79

# 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, 130, 89



151, 79, 175



101, 116, 0

# Square

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



151, 79, 175



180, 78, 31



29, 126, 37



0, 129, 185

# Rectangle

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



151, 79, 175



197, 53, 95



29, 126, 37



0, 132, 124



# Sweetspot

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



151, 79, 175



218, 191, 227



79, 103, 175



109, 93, 115



242, 242, 242



115, 115, 115



# Same Dimension

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



151, 79, 175



190, 77, 227



175, 79, 151



85, 78, 87



113, 0, 150



17, 0, 23



# Inverse Universe

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



175, 79, 103



227, 77, 115



79, 175, 103



87, 78, 80



150, 0, 38



23, 0, 6



# Previews

## White Background



This preview shows how the RGB color 151, 79, 175 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, 79, 175 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

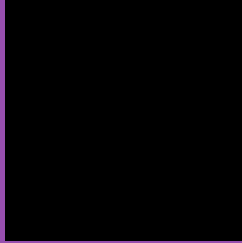
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## RGB 151, 79, 175 Background



This preview shows how black text looks on a background with the RGB color 151, 79, 175.

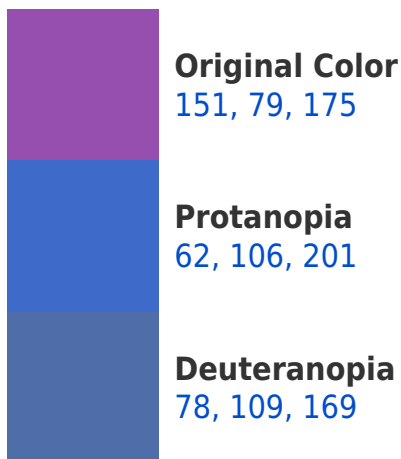


This preview shows how white text looks on a background with the RGB color 151, 79, 175.

# 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





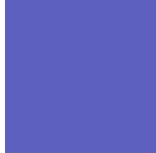
**Tritanopia**  
141, 97, 105

# Trichromacy



**Original Color**

151, 79, 175



**Protanomaly**

94, 96, 192



**Deuteranomaly**

105, 98, 171



**Tritanomaly**

145, 90, 130

# Monochromacy



**Original Color**

151, 79, 175



**Achromatopsia**

111, 111, 111



**Achromatomaly**

126, 99, 134

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 151, 79, 175 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, 79, 175)` looks like.

```
.text, #text, p{  
    color:rgb(151, 79, 175)  
}
```

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, 79, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 79, 175) }
```

## Border

The CSS property to change the border of an element to RGB 151, 79, 175 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, 79, 175) }
```

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

```
.border{ border-color:rgb(151, 79, 175) }
```

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

Here you see how a box with a 4 pixel rgb(151, 79, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 79, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 79, 175);  
box-shadow:4px 4px 4px 4px rgb(151, 79,  
175) }
```

# Background

The CSS property to change the background color of an element to RGB 151, 79, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 79, 175) }
```

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

```
.background{ background-color: rgb(151, 79,  
175) }
```

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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