

Converting Colors

RGB(159, 47, 151)

Have a look what the booklet for
RGB(159, 47, 151) contains.

RGB(159, 47, 151)	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(159, 47, 151)

Conversions

Conversions Part 1

Format	Color
Hex	9F2F97
RGB	159, 47, 151
RGB Percent	62%, 18%, 59%
CMY	0.3765, 0.8157, 0.4078
CMYK	0.00, 0.70, 0.05, 0.38
HSL	304°, 54%, 40%
HSV	304°, 70%, 62%
XYZ	20.9005, 11.6383, 30.4230
YIQ	92.3440, 33.3680, 56.0880

Conversions

Conversions Part 2

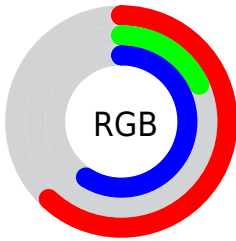
Format	Color
R_{YB}	159, 47, 151
Decimal	10432407
CIE _{Lab}	40.64, 57.68, -33.10
CIE _{LCh}	41, 66.500, 330.146
Yxy	11.6383, 0.3320, 0.1848
Android (android.graphics.Color)	4288622487 (0xFF9F2F97)
YUV	92.3440, 28.9174, 58.4573
Hunter-Lab	34.1150, 49.6566, -28.9930

Details

The RGB color **159, 47, 151** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **47, 159, 55**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **216, 103, 206**, and **104, 0, 100** is the 20% darker color. If you saturate the color by 10%, you get **159, 31, 150**, and if you desaturate by 10%, it is **159, 63, 152**.

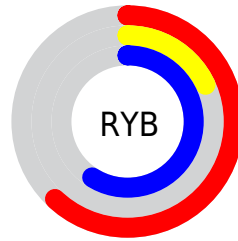
Distribution



Red (62%)

Green (18%)

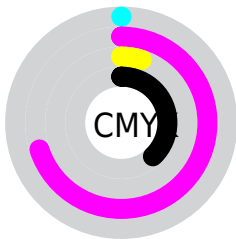
Blue (59%)



Red (62%)

Yellow (18%)

Blue (59%)

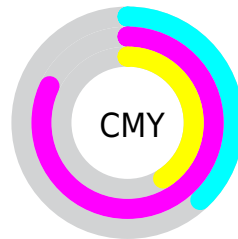


Cyan (0%)

Magenta (70%)

Yellow (5%)

Black (38%)



Cyan (38%)

Magenta (82%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 47, 151 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 159, 47, 151 by changing the saturation by 10% instead.



159, 47, 151



159, 47, 151

255, 255, 255



131, 9, 125



216, 103, 206



104, 0, 100



246, 131, 234



77, 0, 75



255, 158, 255



54, 0, 52



255, 187, 255



21, 0, 30



255, 215, 255



0, 0, 0



255, 245, 255



159, 47, 151



159, 47, 151



159, 31, 150



159, 63, 152

■ 159, 15, 149

■ 159, 79, 153

■ 159, 0, 148

■ 159, 95, 154

■ 159, 111, 156

■ 159, 127, 157

■ 159, 142, 158

■ 159, 158, 159

■ 159, 174, 160

■ 159, 190, 161

Harmonies

Analogous

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



87, 81, 191



159, 47, 151



187, 9, 98

Triad

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



159, 47, 151



117, 94, 0



0, 119, 149

Complementary

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



159, 47, 151



47, 159, 55

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, 118, 95



159, 47, 151



61, 108, 0

Square

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



159, 47, 151



158, 70, 0



0, 115, 36



0, 115, 191

Rectangle

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



159, 47, 151



188, 23, 62



0, 115, 36



0, 119, 132

Sweetspot

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



159, 47, 151



207, 163, 203



54, 47, 159



105, 78, 103



232, 232, 232



105, 105, 105

Same Dimension

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



159, 47, 151



207, 31, 194



159, 47, 96



79, 71, 78



143, 0, 133



15, 0, 14

Inverse Universe

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



159, 47, 151



207, 31, 194



47, 159, 110



79, 71, 78



143, 0, 133



15, 0, 14

Previews

White Background



This preview shows how the RGB color 159, 47, 151 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 159, 47, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

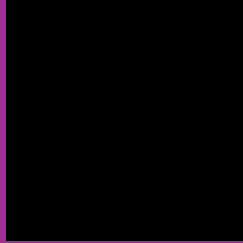
Any Text WCAG AA × Fail

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 159, 47, 151 Background



This preview shows how black text looks on a background with the RGB color 159, 47, 151.

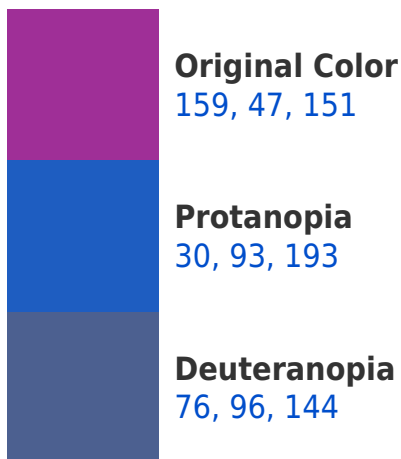


This preview shows how white text looks on a background with the RGB color 159, 47, 151.

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
151, 71, 76

Trichromacy



Original Color

159, 47, 151



Protanomaly

77, 76, 178



Deuteranomaly

106, 78, 147



Tritanomaly

154, 62, 103

Monochromacy



Original Color

159, 47, 151



Achromatopsia

92, 92, 92



Achromatomaly

116, 76, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 47, 151 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(159, 47, 151)` looks like.

```
.text, #text, p{  
    color:rgb(159, 47, 151)  
}
```

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(159, 47, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 47, 151) }
```

Border

The CSS property to change the border of an element to RGB 159, 47, 151 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(159, 47, 151) }
```

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

```
.border{ border-color:rgb(159, 47, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 47, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 47, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 47, 151);  
box-shadow:4px 4px 4px 4px rgb(159, 47,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 159, 47, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 47, 151) }
```

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

```
.background{ background-color: rgb(159, 47,  
151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor