

Converting Colors

RGB(159, 0, 157)

Have a look what the booklet for
RGB(159, 0, 157) contains.

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Color

RGB(159, 0, 157)

Conversions

Conversions Part 1

Format	Color
Hex	9F009D
RGB	159, 0, 157
RGB Percent	62%, 0%, 62%
CMY	0.3765, 1.0000, 0.3843
CMYK	0.00, 1.00, 0.01, 0.38
HSL	301°, 100%, 31%
HSV	301°, 100%, 62%
XYZ	20.3839, 9.8052, 32.7165
YIQ	65.4390, 44.3670, 82.5350

Conversions

Conversions Part 2

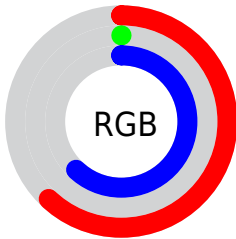
Format	Color
R_{YB}	159, 0, 157
Decimal	10420381
CIE _{Lab}	37.49, 68.72, -41.73
CIE _{LCh}	37, 80.401, 328.732
Yxy	9.8052, 0.3240, 0.1559
Android (android.graphics.Color)	4288610461 (0xFF9F009D)
YUV	65.4390, 45.1396, 82.0530
Hunter-Lab	31.3133, 61.3989, -40.0276

Details

The RGB color **159, 0, 157** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0, 159, 2**, and the grayscale version is **65, 65, 65**.

A 20% lighter version of the original color is **217, 81, 212**, and **103, 0, 105** is the 20% darker color. If you saturate the color by 10%, you get **159, 0, 157**, and if you desaturate by 10%, it is **159, 16, 157**.

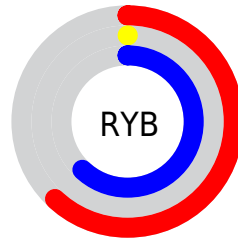
Distribution



Red (62%)

Green (0%)

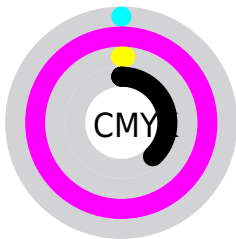
Blue (62%)



Red (62%)

Yellow (0%)

Blue (62%)

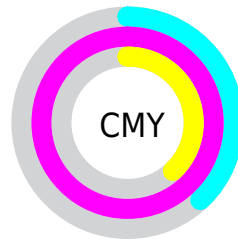


Cyan (0%)

Magenta (100%)

Yellow (1%)

Black (38%)



Cyan (38%)

Magenta (100%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 0, 157 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, 0, 157 by changing the saturation by 10% instead.



159, 0, 157



159, 0, 157

255, 255, 255



131, 0, 131



217, 81, 212



103, 0, 105



247, 110, 241



75, 0, 80



255, 138, 255



50, 0, 57



255, 167, 255



14, 0, 34



255, 196, 255



0, 0, 7



255, 226, 255



0, 0, 0



159, 0, 157



159, 16, 157

■ 159, 32, 157

■ 159, 48, 158

■ 159, 64, 158

■ 159, 80, 158

■ 159, 95, 158

■ 159, 111, 158

■ 159, 127, 159

■ 159, 143, 159

Harmonies

Analogous

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



55, 72, 205



159, 0, 157



193, 0, 94

Triad

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



159, 0, 157



111, 85, 0



0, 113, 150

Complementary

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



159, 0, 157



0, 159, 2

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, 112, 84



159, 0, 157



42, 102, 0

Square

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



159, 0, 157



159, 53, 0



0, 109, 1



0, 111, 201

Rectangle

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



159, 0, 157



194, 0, 52



0, 109, 1



0, 113, 129

Sweetspot

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



159, 0, 157



207, 145, 206



0, 0, 159



105, 67, 104



232, 232, 232



105, 105, 105

Same Dimension

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



159, 0, 157



207, 0, 204



159, 0, 80



79, 71, 79



143, 0, 141



15, 0, 15

Inverse Universe

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



159, 0, 157



207, 0, 204



0, 159, 80



79, 71, 79



143, 0, 141



15, 0, 15

Previews

White Background



This preview shows how the RGB color 159, 0, 157 looks on a white background.

Color Contrast Check

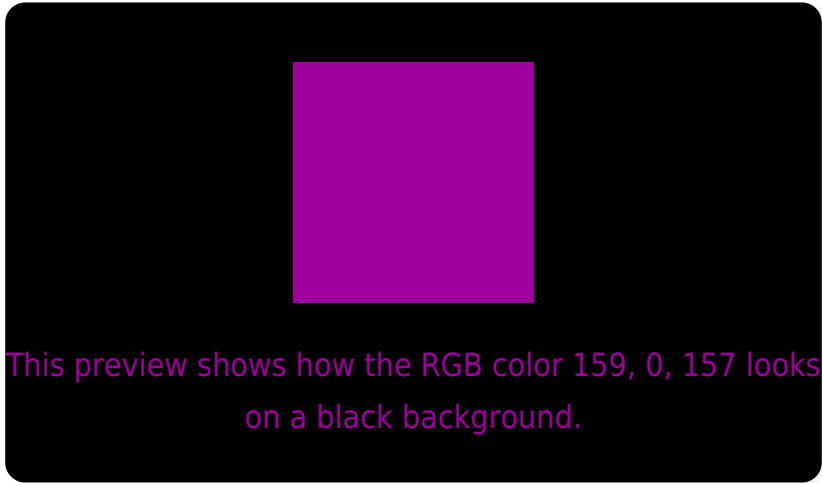
Large Text (above 18pt) WCAG AA ✓ Pass

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

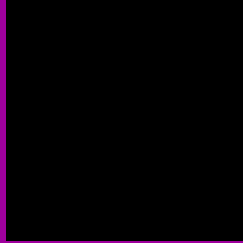
Any Text WCAG AA × Fail

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 159, 0, 157 Background



This preview shows how black text looks on a background with the RGB color 159, 0, 157.



This preview shows how white text looks on a background with the RGB color 159, 0, 157.

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

159, 0, 157

Protanopia

0, 88, 186

Deuteranopia

56, 91, 148



Tritanopia
149, 62, 66

Trichromacy



Original Color

159, 0, 157



Protanomaly

58, 56, 175



Deuteranomaly

93, 58, 151



Tritanomaly

153, 39, 99

Monochromacy



Original Color

159, 0, 157



Achromatopsia

65, 65, 65



Achromatomaly

99, 41, 98

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 0, 157 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, 0, 157)` looks like.

```
.text, #text, p{  
    color:rgb(159, 0, 157)  
}
```

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, 0, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 0, 157) }
```

Border

The CSS property to change the border of an element to RGB 159, 0, 157 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, 0, 157) }
```

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

```
.border{ border-color:rgb(159, 0, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 0, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 0, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 0, 157);  
box-shadow:4px 4px 4px 4px rgb(159, 0,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 159, 0, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 0, 157) }
```

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

```
.background{ background-color: rgb(159, 0,  
157) }
```

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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