

Converting Colors

RGB(159, 62, 108)

Have a look what the booklet for
RGB(159, 62, 108) contains.

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Color

RGB(159, 62, 108)

Conversions

Conversions Part 1

Format	Color
Hex	9F3E6C
RGB	159, 62, 108
RGB Percent	62%, 24%, 42%
CMY	0.3765, 0.7569, 0.5765
CMYK	0.00, 0.61, 0.32, 0.38
HSL	332°, 44%, 43%
HSV	332°, 61%, 62%
XYZ	18.7275, 11.8989, 15.4970
YIQ	96.2470, 43.0460, 34.8700

Conversions

Conversions Part 2

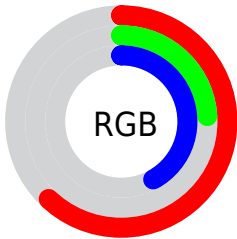
Format	Color
R _Y B	159, 62, 108
Decimal	10436204
CIE Lab	41.05, 45.02, -6.05
CIE LCh	41, 45.427, 352.345
Yxy	11.8989, 0.4060, 0.2580
Android (android.graphics.Color)	4288626284 (0xFF9F3E6C)
YUV	96.2470, 5.7942, 55.0344
Hunter-Lab	34.4948, 36.5432, -2.4901

Details

The RGB color **159, 62, 108** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **62, 159, 113**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **216, 114, 159**, and **104, 0, 61** is the 20% darker color. If you saturate the color by 10%, you get **159, 46, 100**, and if you desaturate by 10%, it is **159, 78, 116**.

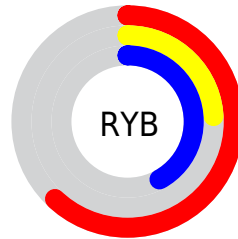
Distribution



Red (62%)

Green (24%)

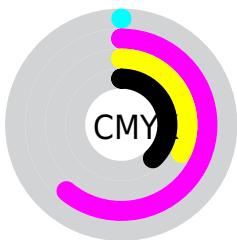
Blue (42%)



Red (62%)

Yellow (24%)

Blue (42%)

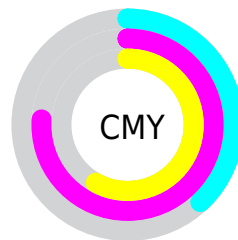


Cyan (0%)

Magenta (61%)

Yellow (32%)

Black (38%)



Cyan (38%)

Magenta (76%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 62, 108 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, 62, 108 by changing the saturation by 10% instead.



159, 62, 108



159, 62, 108

255, 255, 255



131, 35, 84



216, 114, 159



104, 0, 61



246, 141, 186



77, 0, 39



255, 169, 214



54, 0, 19



255, 197, 242



16, 0, 0



255, 225, 255



0, 0, 0

255, 254, 255



159, 62, 108



159, 62, 108



159, 46, 100



159, 78, 116

159, 30, 91

159, 94, 125

159, 14, 83

159, 110, 133

159, 0, 75

159, 126, 141

159, 142, 150

159, 157, 158

159, 173, 167

159, 189, 175

159, 205, 183

Harmonies

Analogous

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



133, 75, 143



159, 62, 108



164, 63, 71

Triad

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



159, 62, 108



89, 103, 19



0, 111, 155

Complementary

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



159, 62, 108



62, 159, 113

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, 114, 124



159, 62, 108



40, 110, 49

Square

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



159, 62, 108



124, 92, 14



0, 114, 86



0, 104, 171

Rectangle

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



159, 62, 108



156, 72, 48



0, 114, 86



0, 113, 146

Sweetspot

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



159, 62, 108



207, 169, 187



112, 62, 159



105, 82, 92



232, 232, 232



105, 105, 105

Same Dimension

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



159, 62, 108



207, 56, 127



159, 64, 62



79, 71, 75



143, 0, 68



15, 0, 7

Inverse Universe

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



159, 62, 108



207, 56, 127



62, 157, 159



79, 71, 75



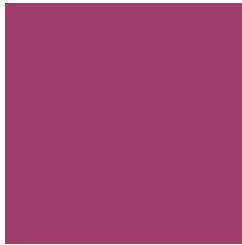
143, 0, 68



15, 0, 7

Previews

White Background



This preview shows how the RGB color 159, 62, 108 looks on a white background.

Color Contrast Check

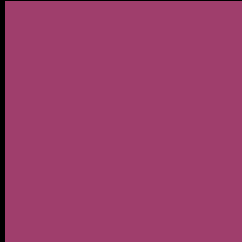
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62, 108 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, 62, 108 Background



This preview shows how black text looks on a background with the RGB color 159, 62, 108.



This preview shows how white text looks on a background with the RGB color 159, 62, 108.

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, 62, 108

Protanopia

88, 96, 131

Deuteranopia

104, 95, 103



Tritanopia
156, 69, 74

Trichromacy



Original Color

159, 62, 108

Protanomaly

114, 84, 123

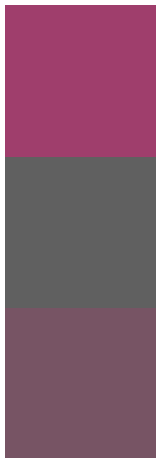
Deuteranomaly

124, 83, 105

Tritanomaly

157, 66, 86

Monochromacy



Original Color

159, 62, 108

Achromatopsia

96, 96, 96

Achromatomaly

119, 84, 100

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 62, 108 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, 62, 108) looks like.

```
.text, #text, p{  
    color:rgb(159, 62, 108)  
}
```

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, 62, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 62, 108) }
```

Border

The CSS property to change the border of an element to RGB 159, 62, 108 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, 62, 108) }
```

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

```
.border{ border-color:rgb(159, 62, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 62, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 62, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 62, 108); box-shadow:4px 4px 4px 4px rgb(159, 62, 108) }
```

Background

The CSS property to change the background color of an element to RGB 159, 62, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 62, 108) }
```

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

```
.background{ background-color: rgb(159, 62,  
108) }
```

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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