

Converting Colors

`RYB(159, 69, 118)`

Have a look what the booklet for
RYB(159, 69, 118) contains.

RYB(159, 69, 118)	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

R_YB(159, 69, 118)

Conversions

Conversions Part 1

Format	Color
Hex	9F4576
RGB	159, 69, 118
RGB Percent	62%, 27%, 46%
CMY	0.3765, 0.7294, 0.5373
CMYK	0.00, 0.57, 0.26, 0.38
HSL	327°, 39%, 45%
HSV	327°, 57%, 62%
XYZ	19.6962, 12.9352, 18.5982
YIQ	101.4960, 37.9110, 34.3190

Conversions

Conversions Part 2

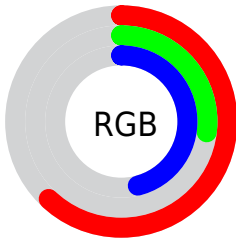
Format	Color
R_{YB}	159, 69, 118
Decimal	10438006
CIE Lab	42.67, 43.01, -9.82
CIE LCh	43, 44.121, 347.138
Yxy	12.9352, 0.3845, 0.2525
Android (android.graphics.Color)	4288628086 (0xFF9F4576)
YUV	101.4960, 8.1365, 50.4310
Hunter-Lab	35.9655, 34.8144, -5.4837

Details

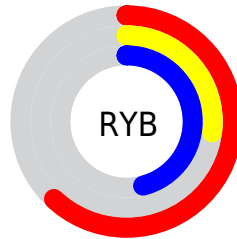
The RYB color **159, 69, 118** is a dark color, and the websafe version is hex **993366**, and the color name is **magenta haze**. A complement of this color would be **69, 131, 159**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **216, 121, 170**, and **105, 13, 70** is the 20% darker color. If you saturate the color by 10%, you get **159, 53, 111**, and if you desaturate by 10%, it is **159, 85, 125**.

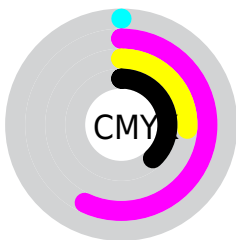
Distribution



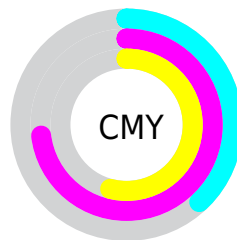
- Red (62%)
- Green (27%)
- Blue (46%)



- Red (62%)
- Yellow (27%)
- Blue (46%)



- Cyan (0%)
- Magenta (57%)
- Yellow (26%)
- Black (38%)



- Cyan (38%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 69, 118 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 RYB color 159, 69, 118 by changing the saturation by 10% instead.



159, 69, 118



159, 69, 118

255, 255, 255



131, 43, 93



216, 121, 170



105, 13, 70



245, 148, 197



78, 0, 47



255, 175, 225



54, 0, 27



255, 203, 254



24, 0, 1



255, 232, 255



0, 0, 0



159, 69, 118



159, 69, 118



159, 53, 111



159, 85, 125



159, 37, 104



159, 101, 132

■ 159, 21, 96

■ 159, 117, 140

■ 159, 5, 89

■ 159, 133, 147

■ 159, 0, 87

■ 159, 149, 154

■ 159, 163, 164

■ 159, 173, 180

■ 159, 184, 196

■ 159, 195, 212

Harmonies

Analogous

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



129, 82, 151



159, 69, 118



167, 68, 81

Triad

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



159, 69, 118



24, 105, 29



0, 66, 153

Complementary

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



159, 69, 118



69, 131, 159

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, 60, 121



159, 69, 118



48, 113, 104

Square

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



159, 69, 118



89, 133, 25



0, 68, 117



0, 67, 172

Rectangle

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



159, 69, 118



162, 77, 59



0, 68, 117



0, 65, 144

Sweetspot

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



159, 69, 118



207, 171, 191



110, 69, 159



105, 84, 95



232, 232, 232



105, 105, 105

Same Dimension

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



159, 69, 118



207, 66, 143



159, 69, 73



79, 71, 75



143, 0, 78



15, 0, 8

Inverse Universe

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



159, 69, 118



207, 66, 143



69, 115, 159



79, 71, 75



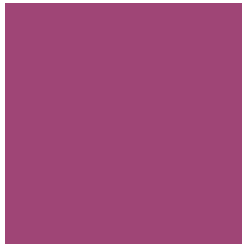
143, 0, 78



15, 0, 8

Previews

White Background



This preview shows how the RYB color 159, 69, 118 looks on a white background.

Color Contrast Check

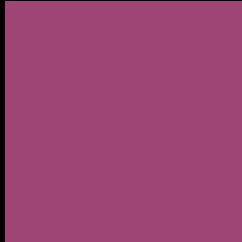
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 159, 69, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

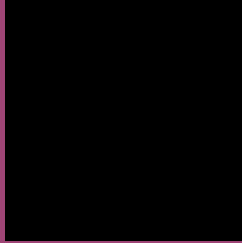
Any Text WCAG AA × Fail

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](#).

RYB 159, 69, 118 Background



This preview shows how black text looks on a background with the RYB color 159, 69, 118.

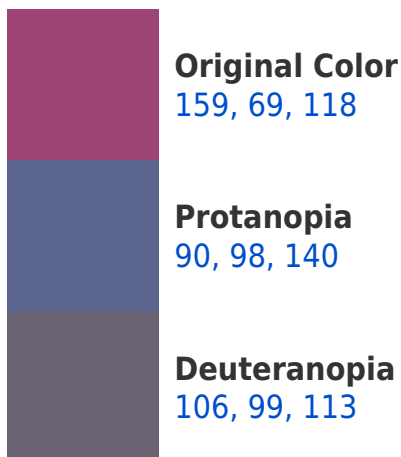


This preview shows how white text looks on a background with the RYB color 159, 69, 118.

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

156, 77, 82

Trichromacy



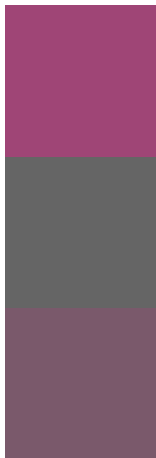
Original Color
159, 69, 118

Protanomaly
115, 89, 132

Deuteranomaly
125, 88, 115

Tritanomaly
157, 74, 95

Monochromacy



Original Color
159, 69, 118

Achromatopsia
101, 101, 101

Achromatomaly
122, 89, 107

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 69, 118 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, 69, 118)` looks like.

```
.text, #text, p{  
    color:rgb(159, 69, 118)  
}
```

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, 69, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 69, 118) }
```

Border

The CSS property to change the border of an element to RYB 159, 69, 118 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, 69, 118) }
```

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

```
.border{ border-color:rgb(159, 69, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 69, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 69, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 69, 118);  
box-shadow:4px 4px 4px 4px rgb(159, 69,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 159, 69, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 69, 118) }
```

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

```
.background{ background-color: rgb(159, 69,  
118) }
```

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