

Converting Colors

RGB(149, 104, 171)

Have a look what the booklet for
RGB(149, 104, 171) contains.

RGB(149, 104, 171)	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(149, 104, 171)

Conversions

Conversions Part 1

Format	Color
Hex	9568AB
RGB	149, 104, 171
RGB Percent	58%, 41%, 67%
CMY	0.4157, 0.5922, 0.3294
CMYK	0.13, 0.39, 0.00, 0.33
HSL	280°, 29%, 54%
HSV	280°, 39%, 67%
XYZ	24.6954, 19.2305, 40.9383
YIQ	125.0930, 5.3130, 30.3770

Conversions

Conversions Part 2

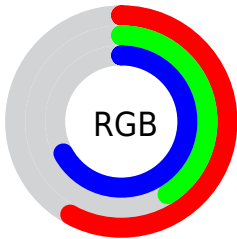
Format	Color
RYB	149, 104, 171
Decimal	9791659
CIELab	50.96, 30.45, -28.91
CIElCh	51, 41.988, 316.486
Yxy	19.2305, 0.2910, 0.2266
Android (android.graphics.Color)	4287981739 (0xFF9568AB)
YUV	125.0930, 22.6322, 20.9664
Hunter-Lab	43.8526, 23.7797, -24.6531

Details

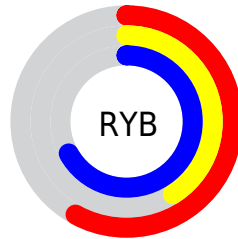
The RGB color **149, 104, 171** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **126, 171, 104**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **204, 156, 227**, and **97, 56, 118** is the 20% darker color. If you saturate the color by 10%, you get **143, 87, 171**, and if you desaturate by 10%, it is **155, 121, 171**.

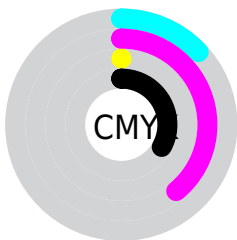
Distribution



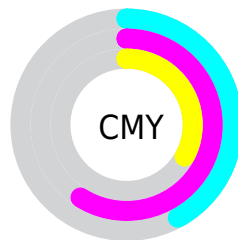
- Red (58%)
- Green (41%)
- Blue (67%)



- Red (58%)
- Yellow (41%)
- Blue (67%)



- Cyan (13%)
- Magenta (39%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (59%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RGB color 149, 104, 171 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 149, 104, 171 by changing the saturation by 10% instead.

 149, 104, 171

255, 255, 255

 204, 156, 227

 233, 183, 255

 255, 211, 255

 255, 239, 255

 149, 104, 171

 123, 79, 144

 97, 56, 118

 72, 32, 93

 48, 9, 70

 29, 0, 47

 0, 1, 25

 0, 0, 0

 149, 104, 171

 143, 87, 171

 149, 104, 171

 155, 121, 171

138, 70, 171

160, 138, 171

132, 53, 171

166, 155, 171

127, 36, 171

171, 172, 171

121, 18, 171

177, 189, 171

115, 1, 171

183, 207, 171

115, 0, 171

188, 224, 171

194, 241, 171

200, 255, 171

Harmonies

Analogous

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



96, 118, 190



149, 104, 171



179, 93, 139

Triad

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



149, 104, 171



156, 114, 50



0, 139, 141

Complementary

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



149, 104, 171



126, 171, 104

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, 138, 103



149, 104, 171



123, 126, 49

Square

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



149, 104, 171



179, 100, 71



82, 134, 70



0, 137, 172

Rectangle

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



149, 104, 171



188, 90, 115



82, 134, 70



0, 139, 128

Sweetspot

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



149, 104, 171



213, 195, 222



104, 126, 171



107, 96, 112



240, 240, 240



112, 112, 112

Same Dimension

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



149, 104, 171



188, 118, 222



171, 104, 160



84, 78, 87



101, 0, 150



15, 0, 23

Inverse Universe

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



171, 104, 126



222, 118, 152



104, 171, 115



87, 78, 81



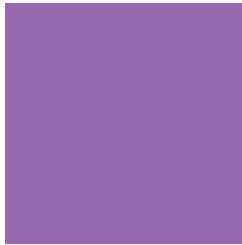
150, 0, 49



23, 0, 8

Previews

White Background



This preview shows how the RGB color 149, 104, 171 looks on a white 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

Black Background



This preview shows how the RGB color 149, 104, 171 looks on a black 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

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

RGB 149, 104, 171 Background



This preview shows how black text looks on a background with the RGB color 149, 104, 171.



This preview shows how white text looks on a background with the RGB color 149, 104, 171.

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
149, 104, 171

Protanopia
99, 120, 184

Deuteranopia
107, 120, 168



Tritanopia
142, 114, 123

Trichromacy



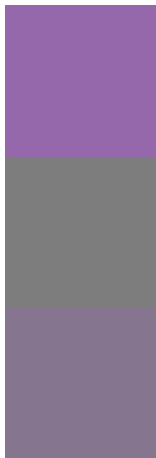
Original Color
149, 104, 171

Protanomaly
117, 114, 179

Deuteranomaly
122, 114, 169

Tritanomaly
145, 110, 140

Monochromacy



Original Color
149, 104, 171

Achromatopsia
125, 125, 125

Achromatomaly
134, 117, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 104, 171 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(149, 104, 171)` looks like.

```
.text, #text, p{  
    color:rgb(149, 104, 171)  
}
```

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(149, 104, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 104, 171) }
```

Border

The CSS property to change the border of an element to RGB 149, 104, 171 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(149, 104, 171) }
```

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

```
.border{ border-color:rgb(149, 104, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 104, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 104, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 104, 171);  
box-shadow:4px 4px 4px 4px rgb(149, 104,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 149, 104, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 104, 171) }
```

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

```
.background{ background-color: rgb(149,  
104, 171) }
```

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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