

Converting Colors

RGB(149, 107, 153)

Have a look what the booklet for
RGB(149, 107, 153) contains.

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Color

RGB(149, 107, 153)

Conversions

Conversions Part 1

Format	Color
Hex	956B99
RGB	149, 107, 153
RGB Percent	58%, 42%, 60%
CMY	0.4157, 0.5804, 0.4000
CMYK	0.03, 0.30, 0.00, 0.40
HSL	295°, 18%, 51%
HSV	295°, 30%, 60%
XYZ	23.4019, 19.2049, 32.6105
YIQ	124.8020, 10.2660, 23.2100

Conversions

Conversions Part 2

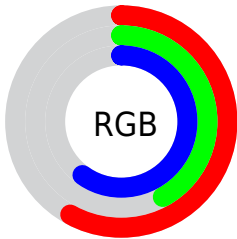
Format	Color
R_{YB}	149, 107, 153
Decimal	9792409
CIE _{Lab}	50.93, 24.91, -18.42
CIE _{LCh}	51, 30.980, 323.512
Yxy	19.2049, 0.3111, 0.2553
Android (android.graphics.Color)	4287982489 (0xFF956B99)
YUV	124.8020, 13.9016, 21.2216
Hunter-Lab	43.8233, 18.6290, -13.4434

Details

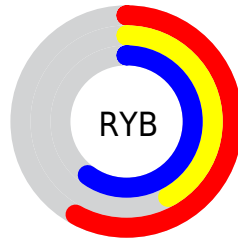
The RGB color **149, 107, 153** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **111, 153, 107**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **204, 159, 207**, and **97, 59, 102** is the 20% darker color. If you saturate the color by 10%, you get **148, 92, 153**, and if you desaturate by 10%, it is **150, 122, 153**.

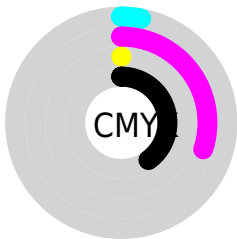
Distribution



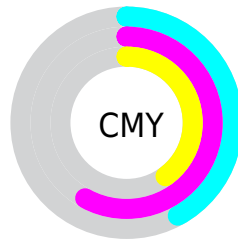
- Red (58%)
- Green (42%)
- Blue (60%)



- Red (58%)
- Yellow (42%)
- Blue (60%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (58%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RGB color 149, 107, 153 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, 107, 153 by changing the saturation by 10% instead.

 149, 107, 153

255, 255, 255

 204, 159, 207

 232, 186, 236


 255, 214, 255


 255, 242, 255

 149, 107, 153

 123, 82, 127

 97, 59, 102

 73, 36, 78

 49, 14, 55

 31, 0, 34

 0, 0, 7

 0, 0, 0

 149, 107, 153

 148, 92, 153

 149, 107, 153

 150, 122, 153

146, 76, 153

152, 138, 153

145, 61, 153

153, 153, 153

144, 46, 153

154, 168, 153

142, 30, 153

156, 184, 153

141, 15, 153

157, 199, 153

140, 0, 153

158, 214, 153

160, 229, 153

161, 245, 153

Harmonies

Analogous

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



116, 117, 170



149, 107, 153



168, 101, 128

Triad

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



149, 107, 153



144, 118, 68



0, 135, 141

Complementary

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



149, 107, 153



111, 153, 107

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.



50, 135, 114



149, 107, 153



117, 126, 72

Square

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



149, 107, 153



163, 109, 80



86, 132, 89



9, 132, 163

Rectangle

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



149, 107, 153



173, 101, 110



86, 132, 89



14, 135, 133

Sweetspot

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



149, 107, 153



197, 181, 199



107, 112, 153



98, 89, 99



227, 227, 227



99, 99, 99

Same Dimension

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



149, 107, 153



193, 127, 199



153, 107, 135



76, 69, 77



128, 0, 140



12, 0, 13

Inverse Universe

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



153, 107, 111



199, 127, 134



107, 153, 125



77, 69, 70



140, 0, 12



13, 0, 1

Previews

White Background



This preview shows how the RGB color 149, 107, 153 looks on a white background.

Color Contrast Check

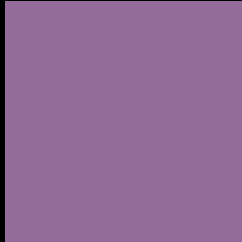
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

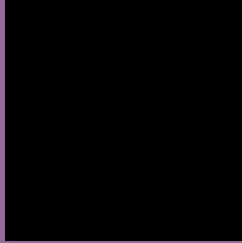
Any Text WCAG AA ✓ Pass

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, 107, 153 Background



This preview shows how black text looks on a background with the RGB color 149, 107, 153.



This preview shows how white text looks on a background with the RGB color 149, 107, 153.

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, 107, 153

Protanopia
110, 120, 163

Deuteranopia
118, 119, 151



Tritanopia
145, 113, 122

Trichromacy



Original Color

149, 107, 153

Protanomaly

124, 115, 159

Deuteranomaly

129, 115, 152

Tritanomaly

146, 111, 133

Monochromacy



Original Color

149, 107, 153

Achromatopsia

125, 125, 125

Achromatomaly

134, 118, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 107, 153 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, 107, 153)` looks like.

```
.text, #text, p{  
    color:rgb(149, 107, 153)  
}
```

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, 107, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 107, 153) }
```

Border

The CSS property to change the border of an element to RGB 149, 107, 153 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, 107, 153) }
```

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

```
.border{ border-color:rgb(149, 107, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 107, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 107, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 107, 153);  
box-shadow:4px 4px 4px 4px rgb(149, 107,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 149, 107, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 107, 153) }
```

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

```
.background{ background-color: rgb(149,  
107, 153) }
```

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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