Converting Colors

RGB(148, 100, 172)

Have a look what the booklet for RGB(148, 100, 172) contains.

Color

RGB(148, 100, 172)

Conversions

Conversions Part 1

Format	Color
Hex	9464AC
RGB	148, 100, 172
RGB Percent	58%, 39%, 67%
CMY	0.4196, 0.6078, 0.3255
CMYK	0.14, 0.42, 0.00, 0.33
HSL	280°, 30%, 53%
HSV	280°, 42%, 67%
XYZ	24.2163, 18.3888, 41.3028
YIQ	122.5600, 5.4960, 32.5680

Conversions

Conversions Part 2

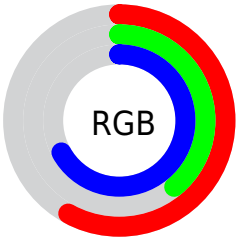
Format	Color
RYB	148, 100, 172
Decimal	9725100
CIELab	49.96, 32.65, -31.05
CIELCh	50, 45.052, 316.439
Yxy	18.3888, 0.2886, 0.2192
Android (android.graphics.Color)	4287915180 (0xFF9464AC)
YUV	122.5600, 24.3739, 22.3109
Hunter-Lab	42.8822, 25.7583, -27.0888

Details

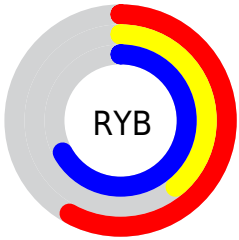
The RGB color 148, 100, 172 is a dark color, and the websafe version is hex 996699. A complement of this color would be 124, 172, 100, and the grayscale version is 122, 122, 122.

A 20% lighter version of the original color is 203, 152, 228, and 96, 52, 119 is the 20% darker color. If you saturate the color by 10%, you get 142, 83, 172, and if you desaturate by 10%, it is 154, 117, 172.

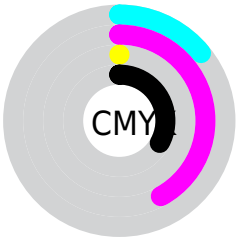
Distribution



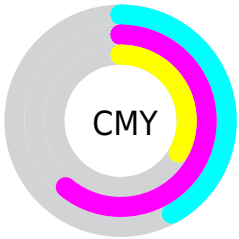
- Red (58%)
- Green (39%)
- Blue (67%)



- Red (58%)
- Yellow (39%)
- Blue (67%)



- Cyan (14%)
- Magenta (42%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (61%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 148, 100, 172 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 148, 100, 172 by changing the saturation by 10% instead.

148, 100, 172

255, 255, 255

203, 152, 228

232, 179, 255

255, 207, 255

255, 235, 255

148, 100, 172

121, 75, 145

96, 52, 119

71, 28, 94

46, 4, 70

29, 0, 48

0, 1, 26

0, 0, 0

148, 100, 172

142, 83, 172

148, 100, 172

154, 117, 172

137, 66, 172

131, 48, 172

125, 31, 172

119, 14, 172

115, 0, 172

159, 134, 172

165, 152, 172

171, 169, 172

177, 186, 172

182, 203, 172

188, 220, 172

194, 238, 172

200, 255, 172

Harmonies

Analogous

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

89, 116, 192

148, 100, 172

180, 87, 138

Triad

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

148, 100, 172

155, 111, 41

0, 138, 139

Complementary

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

148, 100, 172

124, 172, 100

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, 137, 100

148, 100, 172

120, 123, 40

Square

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

148, 100, 172

180, 96, 65

76, 132, 64

0, 135, 174

Rectangle

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

148, 100, 172

189, 84, 112

76, 132, 64

0, 138, 126

Sweetspot

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

148, 100, 172

215, 195, 224

100, 124, 172

106, 94, 112

240, 240, 240

112, 112, 112

Same Dimension

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

148, 100, 172

187, 112, 224

172, 100, 160

84, 78, 87

100, 0, 150

15, 0, 23

Inverse Universe

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

172, 100, 124

224, 112, 150

100, 172, 112

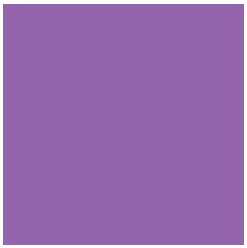
87, 78, 81

150, 0, 50

23, 0, 8

Previews

White Background

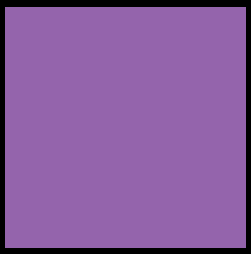


This preview shows how the RGB color 148, 100, 172 looks on a white background.

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



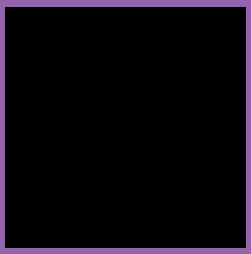
This preview shows how the RGB color 148, 100, 172 looks on a black background.

Color Contrast Check

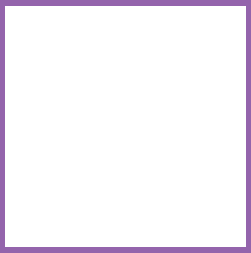
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 148, 100, 172 Background



This preview shows how black text looks on a background with the RGB color 148, 100, 172.

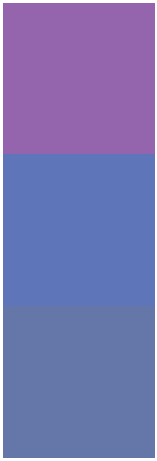


This preview shows how white text looks on a background with the RGB color 148, 100, 172.

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



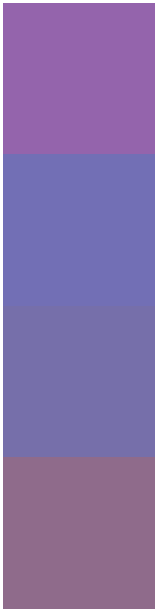
Original Color
148, 100, 172

Protanopia
94, 117, 186

Deuteranopia
101, 118, 169

Tritanopia
140, 111, 120

Trichromacy



Original Color
148, 100, 172

Protanomaly
114, 111, 181

Deuteranomaly
118, 111, 170

Tritanomaly
143, 107, 139

Monochromacy

Original Color
148, 100, 172

Achromatopsia
123, 123, 123

Achromatomaly
132, 115, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 100, 172 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(148, 100, 172) looks like.

```
.text, #text, p{
    color:rgb(148, 100, 172)
}
```

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(148, 100, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 100, 172) }
```

Border

The CSS property to change the border of an element to RGB 148, 100, 172 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(148, 100, 172) }
```

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

```
.border{ border-color:rgb(148, 100, 172) }
```

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

Here you see how a box with a 4 pixel rgb(148, 100, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 100, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 100, 172); box-shadow:4px 4px 4px 4px rgb(148, 100, 172) }
```

Background

The CSS property to change the background color of an element to RGB 148, 100, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(148, 100, 172) }
```

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

```
.background{ background-color:rgb(148,
100, 172) }
```

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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