Converting Colors

RGB(124, 103, 176)

Have a look what the booklet for RGB(124, 103, 176) contains.

Color

RGB(124, 103, 176)

Conversions

Conversions Part 1

Format	Color
Hex	7C67B0
RGB	124, 103, 176
RGB Percent	49%, 40%, 69%
CMY	0.5137, 0.5961, 0.3098
CMYK	0.30, 0.41, 0.00, 0.31
HSL	257°, 32%, 55%
HSV	257°, 41%, 69%
XYZ	20.9989, 17.1202, 43.2721
YIQ	117.6010, -10.9170, 27.1550

Conversions

Conversions Part 2

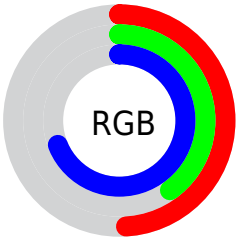
Format	Color
RYB	124, 103, 176
Decimal	8153008
CIELab	48.41, 24.63, -35.99
CIELCh	48, 43.612, 304.388
Yxy	17.1202, 0.2580, 0.2103
Android (android.graphics.Color)	4286343088 (0xFF7C67B0)
YUV	117.6010, 28.7907, 5.6119
Hunter-Lab	41.3765, 18.1812, -33.0426

Details

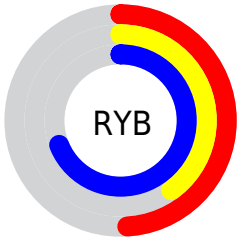
The RGB color 124, 103, 176 is a dark color, and the websafe version is hex 666699. A complement of this color would be 155, 176, 103, and the grayscale version is 117, 117, 117.

A 20% lighter version of the original color is 178, 154, 232, and 72, 56, 123 is the 20% darker color. If you saturate the color by 10%, you get 111, 85, 176, and if you desaturate by 10%, it is 137, 121, 176.

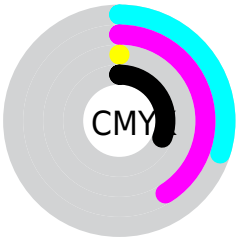
Distribution



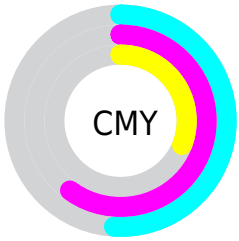
- Red (49%)
- Green (40%)
- Blue (69%)



- Red (49%)
- Yellow (40%)
- Blue (69%)



- Cyan (30%)
- Magenta (41%)
- Yellow (0%)
- Black (31%)



- Cyan (51%)
- Magenta (60%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 103, 176 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 124, 103, 176 by changing the saturation by 10% instead.

124, 103, 176	124, 103, 176
255, 255, 255	98, 79, 149
178, 154, 232	72, 56, 123
206, 181, 255	47, 34, 98
235, 209, 255	21, 13, 73
255, 237, 255	0, 0, 51
	0, 2, 28
	0, 0, 0

124, 103, 176	124, 103, 176
111, 85, 176	137, 121, 176

99, 68, 176

86, 50, 176

74, 33, 176

61, 15, 176

51, 0, 176

149, 138, 176

162, 156, 176

174, 173, 176

187, 191, 176

199, 209, 176

212, 226, 176

224, 244, 176

237, 255, 176

Harmonies

Analogous

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

51, 117, 188

124, 103, 176

164, 89, 147

Triad

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

124, 103, 176

161, 101, 48

0, 133, 119

Complementary

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

124, 103, 176

155, 176, 103

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.

35, 131, 82

124, 103, 176

130, 115, 37

Square

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

124, 103, 176

179, 88, 75

92, 125, 51

0, 132, 156

Rectangle

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

124, 103, 176

179, 83, 123

92, 125, 51

0, 133, 107

Sweetspot

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

124, 103, 176

210, 202, 230

103, 155, 176

103, 99, 115

242, 242, 242

115, 115, 115

Same Dimension

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

124, 103, 176

148, 115, 230

160, 103, 176

83, 80, 89

44, 0, 153

7, 0, 26

Inverse Universe

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

176, 103, 155

230, 115, 196

119, 176, 103

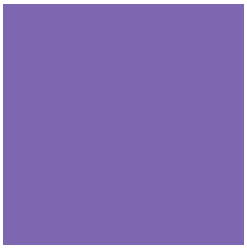
89, 80, 87

153, 0, 109

26, 0, 18

Previews

White Background

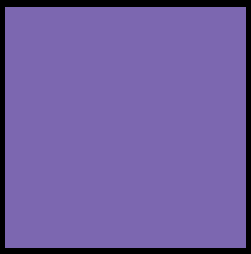


This preview shows how the RGB color 124, 103, 176 looks on a white background.

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



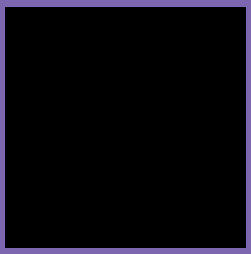
This preview shows how the RGB color 124, 103, 176 looks on a black background.

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 124, 103, 176 Background



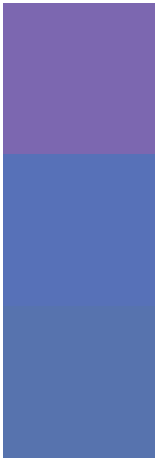
This preview shows how black text looks on a background with the RGB color 124, 103, 176.

This preview shows how white text looks on a background with the RGB color 124, 103, 176.

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



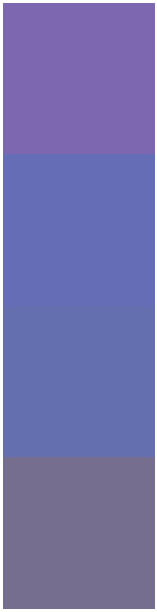
Original Color
124, 103, 176

Protanopia
87, 113, 184

Deuteranopia
87, 115, 174

Tritanopia
114, 114, 123

Trichromacy



Original Color
124, 103, 176

Protanomaly
100, 109, 181

Deuteranomaly
100, 111, 175

Tritanomaly
118, 110, 142

Monochromacy

Original Color
124, 103, 176

Achromatopsia
118, 118, 118

Achromatomaly
120, 113, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 103, 176 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(124, 103, 176) looks like.

```
.text, #text, p{
    color:rgb(124, 103, 176)
}
```

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(124, 103, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 103, 176) }
```

Border

The CSS property to change the border of an element to RGB 124, 103, 176 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(124, 103, 176) }
```

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

```
.border{ border-color:rgb(124, 103, 176) }
```

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

Here you see how a box with a 4 pixel rgb(124, 103, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 103, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 103, 176); box-shadow:4px 4px 4px 4px rgb(124, 103, 176) }
```

Background

The CSS property to change the background color of an element to RGB 124, 103, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(124, 103, 176) }
```

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

```
.background{ background-color:rgb(124,
103, 176) }
```

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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