

Converting Colors

RGB(128, 103, 172)

Have a look what the booklet for
RGB(128, 103, 172) contains.

RGB(128, 103, 172)	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(128, 103, 172)

Conversions

Conversions Part 1

Format	Color
Hex	8067AC
RGB	128, 103, 172
RGB Percent	50%, 40%, 67%
CMY	0.4980, 0.5961, 0.3255
CMYK	0.26, 0.40, 0.00, 0.33
HSL	262°, 29%, 54%
HSV	262°, 40%, 67%
XYZ	21.1987, 17.2682, 41.2455
YIQ	118.3410, -7.2490, 26.7590

Conversions

Conversions Part 2

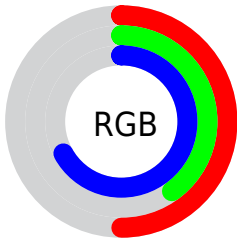
Format	Color
R_{YB}	128, 103, 172
Decimal	8415148
CIE _{Lab}	48.60, 24.79, -33.34
CIE _{LCh}	49, 41.545, 306.634
Yxy	17.2682, 0.2659, 0.2166
Android (android.graphics.Color)	4286605228 (0xFF8067AC)
YUV	118.3410, 26.4539, 8.4709
Hunter-Lab	41.5551, 18.3378, -29.7598

Details

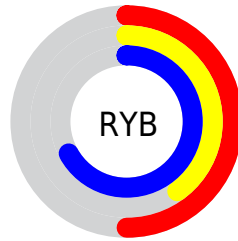
The RGB color **128, 103, 172** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **147, 172, 103**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **182, 154, 228**, and **77, 55, 119** is the 20% darker color. If you saturate the color by 10%, you get **117, 86, 172**, and if you desaturate by 10%, it is **139, 120, 172**.

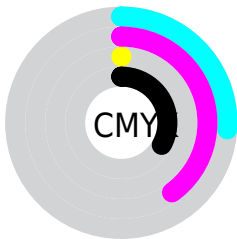
Distribution



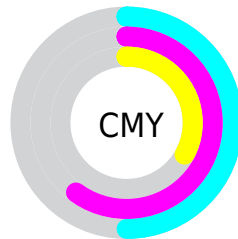
- Red (50%)
- Green (40%)
- Blue (67%)



- Red (50%)
- Yellow (40%)
- Blue (67%)



- Cyan (26%)
- Magenta (40%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 103, 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 128, 103, 172 by changing the saturation by 10% instead.

■ 128, 103, 172

255, 255, 255

■ 182, 154, 228

■ 210, 181, 255

■ 239, 209, 255

■ 255, 237, 255

■ 128, 103, 172

■ 102, 79, 145

■ 77, 55, 119

■ 52, 33, 94

■ 27, 12, 70

■ 4, 0, 48

■ 0, 1, 26

■ 0, 0, 0

■ 128, 103, 172

■ 117, 86, 172

■ 128, 103, 172

■ 139, 120, 172

106, 69, 172

150, 137, 172

95, 51, 172

161, 155, 172

84, 34, 172

172, 172, 172

73, 17, 172

183, 189, 172

62, 0, 172

194, 206, 172

205, 223, 172

216, 241, 172

227, 255, 172

Harmonies

Analogous

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



65, 117, 185



128, 103, 172



165, 90, 144

Triad

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



128, 103, 172



158, 104, 50



0, 133, 122

Complementary

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



128, 103, 172



147, 172, 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.



37, 131, 86



128, 103, 172



128, 116, 42

Square

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



128, 103, 172



177, 91, 75



91, 125, 56



0, 132, 156

Rectangle

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



128, 103, 172



177, 85, 121



91, 125, 56



0, 133, 110

Sweetspot

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



128, 103, 172



207, 197, 224



103, 148, 172



102, 96, 112



240, 240, 240



112, 112, 112

Same Dimension

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



128, 103, 172



156, 117, 224



162, 103, 172



81, 78, 87



55, 0, 150



8, 0, 23

Inverse Universe

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



172, 103, 147



224, 117, 185



113, 172, 103



87, 78, 84



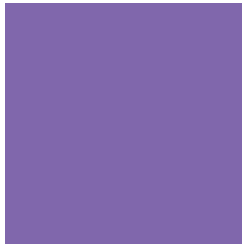
150, 0, 96



23, 0, 15

Previews

White Background



This preview shows how the RGB color 128, 103, 172 looks on a white background.

Color Contrast Check

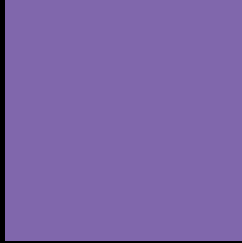
Large Text (above 18pt) WCAG AA ✓ Pass

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 128, 103, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

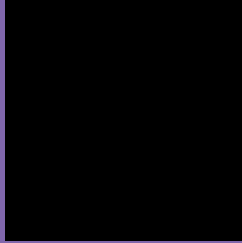
Any Text WCAG AA × Fail

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 128, 103, 172 Background



This preview shows how black text looks on a background with the RGB color 128, 103, 172.

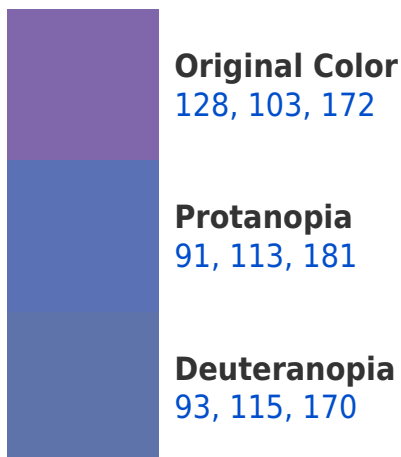


This preview shows how white text looks on a background with the RGB color 128, 103, 172.

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





Tritanopia
119, 114, 123

Trichromacy



Original Color
128, 103, 172

Protanomaly
104, 109, 178

Deuteranomaly
106, 111, 171

Tritanomaly
122, 110, 141

Monochromacy



Original Color
128, 103, 172

Achromatopsia
118, 118, 118

Achromatomaly
122, 113, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 103, 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(128, 103, 172)` looks like.

```
.text, #text, p{  
    color:rgb(128, 103, 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(128, 103, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 103, 172) }
```

Border

The CSS property to change the border of an element to RGB 128, 103, 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(128, 103, 172) }
```

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

```
.border{ border-color:rgb(128, 103, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 103, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 103, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 103, 172);  
box-shadow:4px 4px 4px 4px rgb(128, 103,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 128, 103, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 103, 172) }
```

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

```
.background{ background-color: rgb(128,  
103, 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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