Converting Colors

RGB(120, 111, 172)

Have a look what the booklet for RGB(120, 111, 172) contains.

Color

RGB(120, 111, 172)

Conversions

Conversions Part 1

Format	Color
Hex	786FAC
RGB	120, 111, 172
RGB Percent	47%, 44%, 67%
CMY	0.5294, 0.5647, 0.3255
CMYK	0.30, 0.35, 0.00, 0.33
HSL	249°, 27%, 55%
HSV	249°, 35%, 67%
XYZ	20.8766, 18.3405, 41.4695
YIQ	120.6450, -14.2170, 20.8790

Conversions

Conversions Part 2

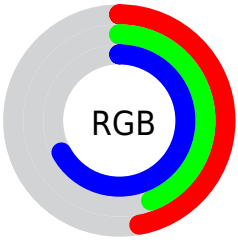
Format	Color
RYB	120, 111, 172
Decimal	7892908
CIELab	49.91, 17.60, -31.34
CIELCh	50, 35.943, 299.315
Yxy	18.3405, 0.2587, 0.2273
Android (android.graphics.Color)	4286082988 (0xFF786FAC)
YUV	120.6450, 25.3180, -0.5657
Hunter-Lab	42.8258, 12.0693, -27.4342

Details

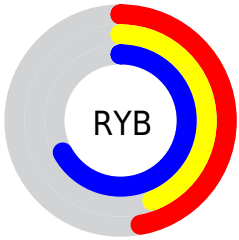
The RGB color 120, 111, 172 is a dark color, and the websafe version is hex 666699. A complement of this color would be 163, 172, 111, and the grayscale version is 120, 120, 120.

A 20% lighter version of the original color is 174, 163, 228, and 69, 63, 119 is the 20% darker color. If you saturate the color by 10%, you get 105, 94, 172, and if you desaturate by 10%, it is 135, 128, 172.

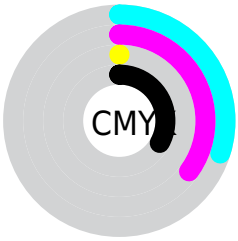
Distribution



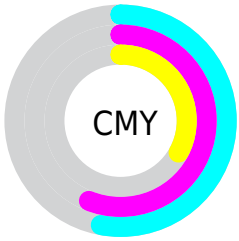
- Red (47%)
- Green (44%)
- Blue (67%)



- Red (47%)
- Yellow (44%)
- Blue (67%)



- Cyan (30%)
- Magenta (35%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 111, 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 120, 111, 172 by changing the saturation by 10% instead.

120, 111, 172	120, 111, 172
255, 255, 255	94, 87, 145
174, 163, 228	69, 63, 119
202, 190, 255	44, 41, 94
230, 218, 255	19, 21, 70
255, 246, 255	0, 0, 48
	0, 1, 26
	0, 0, 0

120, 111, 172	120, 111, 172
105, 94, 172	135, 128, 172

91, 77, 172

76, 59, 172

61, 42, 172

47, 25, 172

32, 8, 172

25, 0, 172

149, 145, 172

164, 163, 172

179, 180, 172

193, 197, 172

208, 214, 172

223, 231, 172

237, 249, 172

252, 255, 172

Harmonies

Analogous

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

65, 122, 180

120, 111, 172

156, 100, 150

Triad

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

120, 111, 172

162, 106, 67

0, 134, 117

Complementary

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

120, 111, 172

163, 172, 111

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.

69, 132, 86

120, 111, 172

138, 117, 56

Square

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

120, 111, 172

175, 96, 90

107, 126, 64

0, 134, 148

Rectangle

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

120, 111, 172

170, 95, 131

107, 126, 64

32, 134, 106

Sweetspot

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

120, 111, 172

203, 200, 224

111, 164, 172

100, 98, 112

240, 240, 240

112, 112, 112

Same Dimension

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

120, 111, 172

142, 128, 224

150, 111, 172

79, 78, 87

22, 0, 150

3, 0, 23

Inverse Universe

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

172, 111, 163

224, 128, 210

133, 172, 111

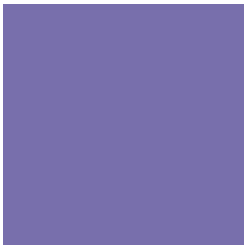
87, 78, 85

150, 0, 128

23, 0, 20

Previews

White Background

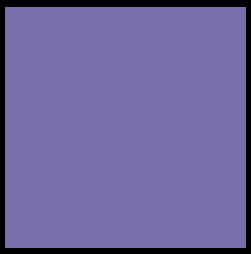


This preview shows how the RGB color 120, 111, 172 looks on a white background.

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



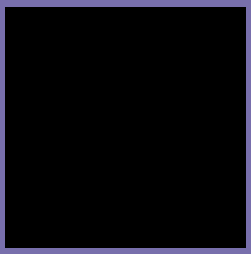
This preview shows how the RGB color 120, 111, 172 looks on a black background.

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 120, 111, 172 Background



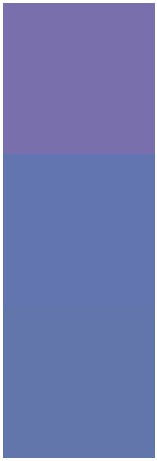
This preview shows how black text looks on a background with the RGB color 120, 111, 172.

This preview shows how white text looks on a background with the RGB color 120, 111, 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



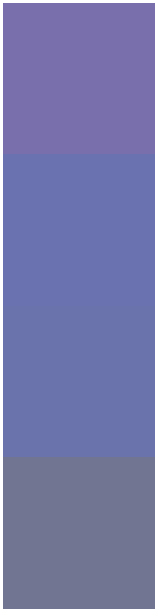
Original Color
120, 111, 172

Protanopia
98, 117, 177

Deuteranopia
98, 118, 171

Tritanopia
111, 120, 129

Trichromacy



Original Color
120, 111, 172

Protanomaly
106, 115, 175

Deuteranomaly
106, 115, 171

Tritanomaly
114, 117, 145

Monochromacy

Original Color
120, 111, 172

Achromatopsia
121, 121, 121

Achromatomaly
121, 117, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 111, 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(120, 111, 172) looks like.

```
.text, #text, p{
    color:rgb(120, 111, 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(120, 111, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 111, 172) }
```

Border

The CSS property to change the border of an element to RGB 120, 111, 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(120, 111, 172) }
```

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

```
.border{ border-color:rgb(120, 111, 172) }
```

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

Here you see how a box with a 4 pixel rgb(120, 111, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 111, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 111, 172); box-shadow:4px 4px 4px 4px rgb(120, 111, 172) }
```

Background

The CSS property to change the background color of an element to RGB 120, 111, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(120, 111, 172) }
```

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

```
.background{ background-color:rgb(120,
111, 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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