

Converting Colors

RGB(124, 116, 172)

Have a look what the booklet for
RGB(124, 116, 172) contains.

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Color

RGB(124, 116, 172)

Conversions

Conversions Part 1

Format	Color
Hex	7C74AC
RGB	124, 116, 172
RGB Percent	49%, 45%, 67%
CMY	0.5137, 0.5451, 0.3255
CMYK	0.28, 0.33, 0.00, 0.33
HSL	249°, 25%, 56%
HSV	249°, 33%, 67%
XYZ	22.0040, 19.7544, 41.6830
YIQ	124.7760, -13.2080, 19.1120

Conversions

Conversions Part 2

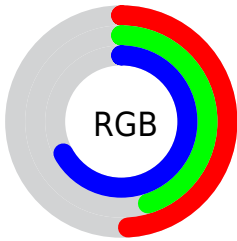
Format	Color
RYB	124, 116, 172
Decimal	8156332
CIELab	51.56, 15.81, -28.74
CIElCh	52, 32.804, 298.820
Yxy	19.7544, 0.2637, 0.2367
Android (android.graphics.Color)	4286346412 (0xFF7C74AC)
YUV	124.7760, 23.2814, -0.6806
Hunter-Lab	44.4460, 10.5900, -24.4921

Details

The RGB color `124, 116, 172` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `164, 172, 116`, and the grayscale version is `125, 125, 125`.

A 20% lighter version of the original color is `178, 168, 228`, and `73, 68, 119` is the 20% darker color. If you saturate the color by 10%, you get `109, 99, 172`, and if you desaturate by 10%, it is `139, 133, 172`.

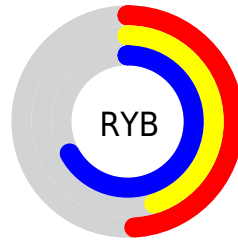
Distribution



Red (49%)

Green (45%)

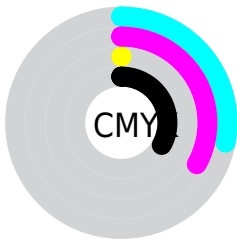
Blue (67%)



Red (49%)

Yellow (45%)

Blue (67%)

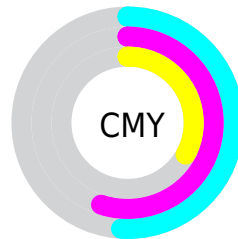


Cyan (28%)

Magenta (33%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 116, 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 124, 116, 172 by changing the saturation by 10% instead.

■ 124, 116, 172

255, 255, 255

■ 178, 168, 228

■ 206, 195, 255

■ 234, 223, 255

■ 255, 252, 255

■ 124, 116, 172

■ 98, 91, 145

■ 73, 68, 119

■ 49, 46, 94

■ 24, 25, 70

■ 4, 0, 48

■ 0, 1, 26

■ 0, 0, 0

■ 124, 116, 172


■ 109, 99, 172


■ 124, 116, 172

■ 139, 133, 172

 95, 82, 172

 153, 150, 172

 80, 64, 172

 168, 168, 172

 65, 47, 172

 183, 185, 172

 50, 30, 172

 198, 202, 172

 36, 13, 172

 212, 219, 172

 25, 0, 172

 227, 236, 172

 242, 254, 172

 255, 255, 172

Harmonies

Analogous

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



77, 126, 179



124, 116, 172



157, 106, 152

Triad

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



124, 116, 172



164, 111, 76



34, 138, 121

Complementary

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



124, 116, 172



164, 172, 116

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.



79, 135, 93



124, 116, 172



142, 121, 66

Square

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



124, 116, 172



176, 103, 97



113, 129, 73



0, 137, 149

Rectangle

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



124, 116, 172



170, 102, 135



113, 129, 73



52, 137, 111

Sweetspot

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



124, 116, 172



205, 202, 224



116, 165, 172



101, 99, 112



240, 240, 240



112, 112, 112

Same Dimension

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



124, 116, 172



149, 137, 224



151, 116, 172



79, 78, 87



21, 0, 150



3, 0, 23

Inverse Universe

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



172, 116, 164



224, 137, 212



137, 172, 116



87, 78, 85



150, 0, 129



23, 0, 20

Previews

White Background



This preview shows how the RGB color 124, 116, 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 124, 116, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

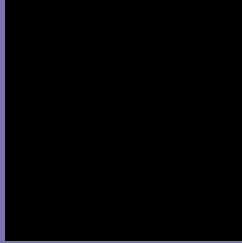
Any Text WCAG AA ✓ Pass

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 124, 116, 172 Background



This preview shows how black text looks on a background with the RGB color 124, 116, 172.



This preview shows how white text looks on a background with the RGB color 124, 116, 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](#).

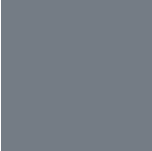
Dichromacy



Original Color
124, 116, 172

Protanopia
105, 121, 176

Deuteranopia
107, 121, 171



Tritanopia
116, 124, 133

Trichromacy



Original Color
124, 116, 172

Protanomaly
112, 119, 175

Deuteranomaly
113, 119, 171

Tritanomaly
119, 121, 147

Monochromacy



Original Color
124, 116, 172

Achromatopsia
125, 125, 125

Achromatomaly
125, 122, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 116, 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(124, 116, 172)` looks like.

```
.text, #text, p{  
    color:rgb(124, 116, 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(124, 116, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 116, 172) }
```

Border

The CSS property to change the border of an element to RGB 124, 116, 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(124, 116, 172) }
```

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

```
.border{ border-color:rgb(124, 116, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 116, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 116, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 116, 172);  
box-shadow:4px 4px 4px 4px rgb(124, 116,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 124, 116, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 116, 172) }
```

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

```
.background{ background-color: rgb(124,  
116, 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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