

Converting Colors

RGB(116, 112, 148)

Have a look what the booklet for
RGB(116, 112, 148) contains.

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Color

RGB(116, 112, 148)

Conversions

Conversions Part 1

Format	Color
Hex	747094
RGB	116, 112, 148
RGB Percent	45%, 44%, 58%
CMY	0.5451, 0.5608, 0.4196
CMYK	0.22, 0.24, 0.00, 0.42
HSL	247°, 14%, 51%
HSV	247°, 24%, 58%
XYZ	18.3419, 17.4395, 30.4164
YIQ	117.3000, -9.1720, 12.0440

Conversions

Conversions Part 2

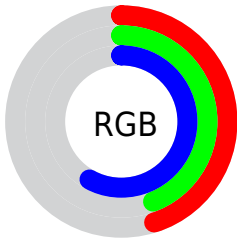
Format	Color
R_{YB}	116, 112, 148
Decimal	7630996
CIE Lab	48.81, 9.59, -19.00
CIE LCh	49, 21.284, 296.778
Yxy	17.4395, 0.2771, 0.2634
Android (android.graphics.Color)	4285821076 (0xFF747094)
YUV	117.3000, 15.1351, -1.1401
Hunter-Lab	41.7606, 5.3191, -13.9516

Details

The RGB color **116, 112, 148** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **144, 148, 112**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **168, 164, 202**, and **67, 64, 97** is the 20% darker color. If you saturate the color by 10%, you get **103, 97, 148**, and if you desaturate by 10%, it is **129, 127, 148**.

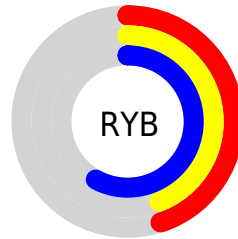
Distribution



Red (45%)

Green (44%)

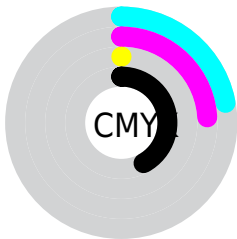
Blue (58%)



Red (45%)

Yellow (44%)

Blue (58%)

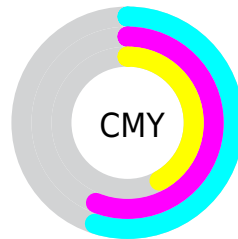


Cyan (22%)

Magenta (24%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (56%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 112, 148 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 116, 112, 148 by changing the saturation by 10% instead.

■ 116, 112, 148

255, 255, 255

■ 168, 164, 202

■ 196, 191, 230

■ 224, 219, 255

■ 253, 247, 255

■ 116, 112, 148

■ 91, 88, 122

■ 67, 64, 97

■ 44, 42, 73

■ 22, 22, 51

■ 0, 0, 30

■ 0, 0, 0

■ 116, 112, 148

■ 103, 97, 148

■ 90, 82, 148

■ 116, 112, 148

■ 129, 127, 148

■ 142, 142, 148

■ 77, 68, 148

■ 155, 156, 148

■ 63, 53, 148

■ 169, 171, 148

■ 50, 38, 148

■ 182, 186, 148

■ 37, 23, 148

■ 195, 201, 148

■ 24, 8, 148

■ 208, 216, 148

■ 16, 0, 148

■ 221, 230, 148

■ 234, 245, 148

Harmonies

Analogous

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



90, 118, 152



116, 112, 148



137, 106, 136

Triad

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



116, 112, 148



145, 108, 86



72, 126, 113

Complementary

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



116, 112, 148



144, 148, 112

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.



91, 124, 96



116, 112, 148



131, 114, 80

Square

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



116, 112, 148



152, 104, 101



112, 120, 83



60, 126, 131

Rectangle

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



116, 112, 148



147, 104, 125



112, 120, 83



78, 125, 107

Sweetspot

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



116, 112, 148



179, 178, 191



112, 144, 148



90, 89, 97



224, 224, 224



97, 97, 97

Same Dimension

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



116, 112, 148



142, 136, 191



134, 112, 148



67, 67, 74



15, 0, 138



1, 0, 10

Inverse Universe

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



148, 112, 144



191, 136, 185



126, 148, 112



74, 67, 73



138, 0, 122



10, 0, 9

Previews

White Background



This preview shows how the RGB color 116, 112, 148 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 116, 112, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

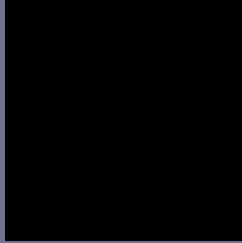
Any Text WCAG AA × Fail

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 116, 112, 148 Background



This preview shows how black text looks on a background with the RGB color 116, 112, 148.



This preview shows how white text looks on a background with the RGB color 116, 112, 148.

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


116, 112, 148

Protanopia

107, 115, 150

Deuteranopia

111, 114, 148



Tritanopia
112, 116, 125

Trichromacy



Original Color
116, 112, 148

Protanomaly
110, 114, 149

Deuteranomaly
113, 113, 148

Tritanomaly
113, 115, 133

Monochromacy



Original Color
116, 112, 148

Achromatopsia
117, 117, 117

Achromatomaly
117, 115, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 112, 148 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(116, 112, 148)` looks like.

```
.text, #text, p{  
    color:rgb(116, 112, 148)  
}
```

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(116, 112, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 112, 148) }
```

Border

The CSS property to change the border of an element to RGB 116, 112, 148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

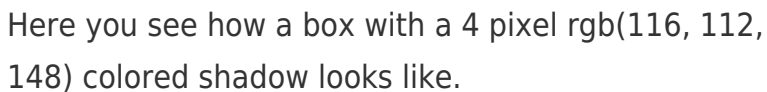
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 112, 148) }
```

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

```
.border{ border-color:rgb(116, 112, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 112, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 112, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 112, 148); box-shadow:4px 4px 4px 4px rgb(116, 112, 148) }
```

Background

The CSS property to change the background color of an element to RGB 116, 112, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 112, 148) }
```

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

```
.background{ background-color: rgb(116,  
112, 148) }
```

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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