

Converting Colors

RGB(112, 100, 157)

Have a look what the booklet for
RGB(112, 100, 157) contains.

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Color

RGB(112, 100, 157)

Conversions

Conversions Part 1

Format	Color
Hex	70649D
RGB	112, 100, 157
RGB Percent	44%, 39%, 62%
CMY	0.5608, 0.6078, 0.3843
CMYK	0.29, 0.36, 0.00, 0.38
HSL	253°, 23%, 50%
HSV	253°, 36%, 62%
XYZ	17.3251, 14.9934, 33.8792
YIQ	110.0860, -11.1450, 20.2710

Conversions

Conversions Part 2

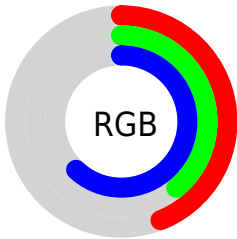
Format	Color
R_{YB}	112, 100, 157
Decimal	7365789
CIE _{Lab}	45.63, 17.87, -29.28
CIE _{LCh}	46, 34.299, 301.403
Yxy	14.9934, 0.2617, 0.2265
Android (android.graphics.Color)	4285555869 (0xFF70649D)
YUV	110.0860, 23.1286, 1.6786
Hunter-Lab	38.7213, 12.1039, -24.7708

Details

The RGB color **112, 100, 157** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **145, 157, 100**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **165, 151, 212**, and **62, 53, 105** is the 20% darker color. If you saturate the color by 10%, you get **100, 84, 157**, and if you desaturate by 10%, it is **124, 116, 157**.

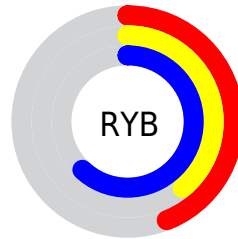
Distribution



Red (44%)

Green (39%)

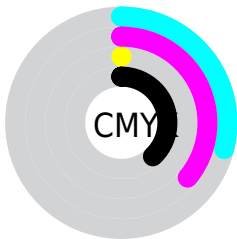
Blue (62%)



Red (44%)

Yellow (39%)

Blue (62%)

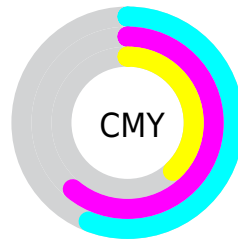


Cyan (29%)

Magenta (36%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (61%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 100, 157 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 112, 100, 157 by changing the saturation by 10% instead.

■ 112, 100, 157

255, 255, 255

■ 165, 151, 212

■ 193, 178, 240

■ 221, 205, 255

■ 250, 233, 255

■ 112, 100, 157

■ 87, 76, 131

■ 62, 53, 105

■ 38, 32, 81

■ 13, 11, 58

■ 0, 2, 36

■ 0, 0, 11

■ 0, 0, 0

■ 112, 100, 157

■ 100, 84, 157

■ 112, 100, 157

■ 124, 116, 157

87, 69, 157

137, 131, 157

75, 53, 157

149, 147, 157

62, 37, 157

162, 163, 157

50, 22, 157

174, 179, 157

38, 6, 157

186, 194, 157

33, 0, 157

199, 210, 157

211, 226, 157

224, 241, 157

Harmonies

Analogous

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



61, 111, 165



112, 100, 157



145, 90, 136

Triad

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



112, 100, 157



147, 97, 58



0, 123, 108

Complementary

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



112, 100, 157



145, 157, 100

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.



58, 120, 80



112, 100, 157



124, 107, 49

Square

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



112, 100, 157



161, 87, 80



95, 115, 57



0, 122, 137

Rectangle

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



112, 100, 157



157, 85, 118



95, 115, 57



18, 122, 98

Sweetspot

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



112, 100, 157



186, 182, 204



100, 146, 157



92, 89, 102



230, 230, 230



102, 102, 102

Same Dimension

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



112, 100, 157



133, 114, 204



140, 100, 157



73, 71, 79



30, 0, 143



3, 0, 15

Inverse Universe

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



157, 100, 145



204, 114, 185



117, 157, 100



79, 71, 77



143, 0, 113



15, 0, 12

Previews

White Background



This preview shows how the RGB color 112, 100, 157 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 112, 100, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

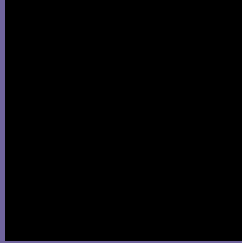
Any Text WCAG AA × Fail

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 112, 100, 157 Background



This preview shows how black text looks on a background with the RGB color 112, 100, 157.



This preview shows how white text looks on a background with the RGB color 112, 100, 157.

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
112, 100, 157

Protanopia
89, 106, 162

Deuteranopia
89, 107, 156



Tritanopia
104, 108, 117

Trichromacy



Original Color

112, 100, 157

Protanomaly

97, 104, 160

Deuteranomaly

97, 104, 156

Tritanomaly

107, 105, 132

Monochromacy



Original Color

112, 100, 157

Achromatopsia

110, 110, 110

Achromatomaly

111, 106, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 100, 157 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(112, 100, 157)` looks like.

```
.text, #text, p{  
    color:rgb(112, 100, 157)  
}
```

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(112, 100, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 100, 157) }
```

Border

The CSS property to change the border of an element to RGB 112, 100, 157 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(112, 100, 157) }
```

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

```
.border{ border-color:rgb(112, 100, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 100, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 100, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 100, 157);  
box-shadow:4px 4px 4px 4px rgb(112, 100,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 112, 100, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 100, 157) }
```

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

```
.background{ background-color: rgb(112,  
100, 157) }
```

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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