

Converting Colors

RGB(112, 100, 146)

Have a look what the booklet for
RGB(112, 100, 146) contains.

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Color

RGB(112, 100, 146)

Conversions

Conversions Part 1

Format	Color
Hex	706492
RGB	112, 100, 146
RGB Percent	44%, 39%, 57%
CMY	0.5608, 0.6078, 0.4275
CMYK	0.23, 0.32, 0.00, 0.43
HSL	256°, 19%, 48%
HSV	256°, 32%, 57%
XYZ	16.4276, 14.6344, 29.1530
YIQ	108.8320, -7.6140, 16.8500

Conversions

Conversions Part 2

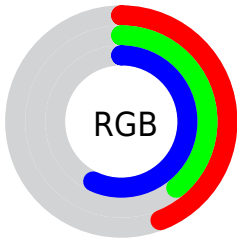
Format	Color
R_{YB}	112, 100, 146
Decimal	7365778
CIE _{Lab}	45.13, 15.03, -23.51
CIE _{LCh}	45, 27.902, 302.584
Yxy	14.6344, 0.2728, 0.2430
Android (android.graphics.Color)	4285555858 (0xFF706492)
YUV	108.8320, 18.3238, 2.7783
Hunter-Lab	38.2549, 9.7059, -18.4048

Details

The RGB color **112, 100, 146** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **134, 146, 100**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **164, 151, 200**, and **63, 53, 95** is the 20% darker color. If you saturate the color by 10%, you get **101, 85, 146**, and if you desaturate by 10%, it is **123, 115, 146**.

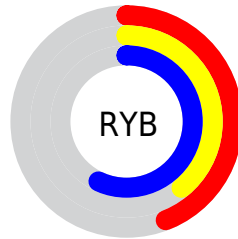
Distribution



Red (44%)

Green (39%)

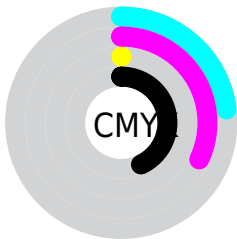
Blue (57%)



Red (44%)

Yellow (39%)

Blue (57%)

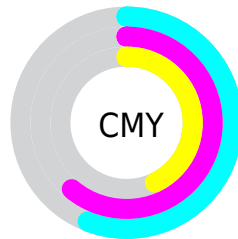


Cyan (23%)

Magenta (32%)

Yellow (0%)

Black (43%)



Cyan (56%)

Magenta (61%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 100, 146 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, 146 by changing the saturation by 10% instead.

■ 112, 100, 146

255, 255, 255

■ 164, 151, 200

■ 192, 178, 228

■ 220, 205, 255

■ 249, 233, 255

■ 112, 100, 146

■ 87, 76, 120

■ 63, 53, 95

■ 40, 32, 71

■ 18, 10, 49

■ 0, 1, 27

■ 0, 0, 0

■ 112, 100, 146

■ 101, 85, 146

■ 90, 71, 146

■ 112, 100, 146

■ 123, 115, 146

■ 134, 129, 146

80, 56, 146

144, 144, 146

69, 42, 146

155, 158, 146

58, 27, 146

166, 173, 146

47, 12, 146

177, 188, 146

38, 0, 146

188, 202, 146

198, 217, 146

209, 231, 146

Harmonies

Analogous

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



76, 108, 153



112, 100, 146



138, 92, 129

Triad

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



112, 100, 146



139, 98, 66



33, 119, 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, 146



134, 146, 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.



67, 117, 85



112, 100, 146



120, 106, 60

Square

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



112, 100, 146



151, 91, 83



96, 113, 67



0, 118, 131

Rectangle

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



112, 100, 146



148, 89, 114



96, 113, 67



45, 119, 100

Sweetspot

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



112, 100, 146



176, 172, 189



100, 135, 146



87, 84, 94



222, 222, 222



94, 94, 94

Same Dimension

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



112, 100, 146



136, 117, 189



135, 100, 146



68, 67, 74



36, 0, 138



3, 0, 10

Inverse Universe

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



146, 100, 134



189, 117, 170



112, 146, 100



74, 67, 72



138, 0, 102



10, 0, 8

Previews

White Background



This preview shows how the RGB color 112, 100, 146 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, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

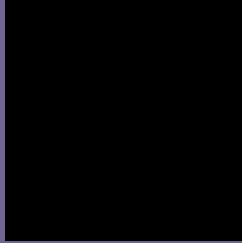
Any Text WCAG AA × Fail

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, 146 Background



This preview shows how black text looks on a background with the RGB color 112, 100, 146.



This preview shows how white text looks on a background with the RGB color 112, 100, 146.

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, 146

Protanopia
93, 105, 150

Deuteranopia
96, 105, 145



Tritanopia
106, 106, 115

Trichromacy



Original Color

112, 100, 146

Protanomaly

100, 103, 149

Deuteranomaly

102, 103, 145

Tritanomaly

108, 104, 126

Monochromacy



Original Color

112, 100, 146

Achromatopsia

109, 109, 109

Achromatomaly

110, 106, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 100, 146 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(112, 100, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 100, 146) }
```

Border

The CSS property to change the border of an element to RGB 112, 100, 146 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, 146) }
```

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

```
.border{ border-color:rgb(112, 100, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 100, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 100, 146);  
box-shadow:4px 4px 4px 4px rgb(112, 100,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 112, 100, 146 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, 146) }
```

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

```
.background{ background-color: rgb(112,  
100, 146) }
```

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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