

Converting Colors

RGB(111, 95, 138)

Have a look what the booklet for
RGB(111, 95, 138) contains.

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Color

RGB(111, 95, 138)

Conversions

Conversions Part 1

Format	Color
Hex	6F5F8A
RGB	111, 95, 138
RGB Percent	44%, 37%, 54%
CMY	0.5647, 0.6275, 0.4588
CMYK	0.20, 0.31, 0.00, 0.46
HSL	262°, 18%, 46%
HSV	262°, 31%, 54%
XYZ	15.2352, 13.3989, 25.8280
YIQ	104.6860, -4.2670, 16.7650

Conversions

Conversions Part 2

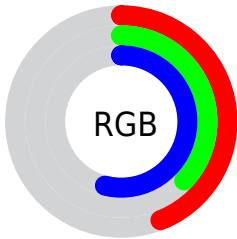
Format	Color
R_{YB}	111, 95, 138
Decimal	7298954
CIE Lab	43.36, 15.75, -21.46
CIE LCh	43, 26.624, 306.274
Yxy	13.3989, 0.2797, 0.2460
Android (android.graphics.Color)	4285489034 (0xFF6F5F8A)
YUV	104.6860, 16.4238, 5.5374
Hunter-Lab	36.6045, 10.2358, -16.2117

Details

The RGB color **111, 95, 138** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **122, 138, 95**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **163, 146, 192**, and **62, 49, 88** is the 20% darker color. If you saturate the color by 10%, you get **102, 81, 138**, and if you desaturate by 10%, it is **120, 109, 138**.

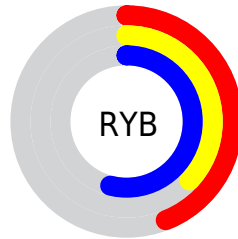
Distribution



Red (44%)

Green (37%)

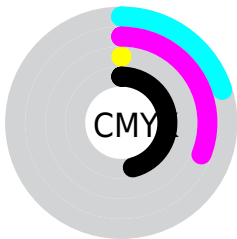
Blue (54%)



Red (44%)

Yellow (37%)

Blue (54%)

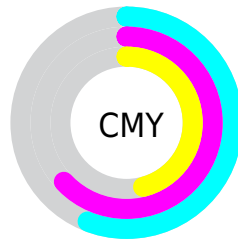


Cyan (20%)

Magenta (31%)

Yellow (0%)

Black (46%)



Cyan (56%)

Magenta (63%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 111, 95, 138 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 111, 95, 138 by changing the saturation by 10% instead.



111, 95, 138



111, 95, 138

255, 255, 255



86, 71, 112



163, 146, 192



62, 49, 88



191, 172, 220



39, 28, 64



219, 199, 248



20, 2, 42



247, 228, 255



0, 1, 21



0, 0, 0



111, 95, 138



111, 95, 138



102, 81, 138



120, 109, 138



94, 67, 138



128, 123, 138

85, 54, 138

137, 136, 138

76, 40, 138

146, 150, 138

68, 26, 138

154, 164, 138

59, 12, 138

163, 178, 138

51, 0, 138

172, 192, 138

180, 205, 138

189, 219, 138

Harmonies

Analogous

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



78, 103, 146



111, 95, 138



134, 88, 121

Triad

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



111, 95, 138



131, 95, 62



29, 114, 106

Complementary

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



111, 95, 138



122, 138, 95

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.



62, 113, 84



111, 95, 138



112, 103, 58

Square

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



111, 95, 138



143, 88, 77



89, 109, 66



0, 113, 128

Rectangle

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



111, 95, 138



143, 85, 106



89, 109, 66



41, 114, 99

Sweetspot

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



111, 95, 138



168, 162, 179



95, 122, 138



83, 79, 89



217, 217, 217



89, 89, 89

Same Dimension

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



111, 95, 138



137, 112, 179



132, 95, 138



65, 62, 69



49, 0, 133



2, 0, 5

Inverse Universe

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



138, 95, 122



179, 112, 154



101, 138, 95



69, 62, 66



133, 0, 83



5, 0, 3

Previews

White Background



This preview shows how the RGB color 111, 95, 138 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 111, 95, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

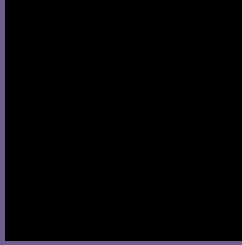
Any Text WCAG AA × Fail

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 111, 95, 138 Background



This preview shows how black text looks on a background with the RGB color 111, 95, 138.



This preview shows how white text looks on a background with the RGB color 111, 95, 138.

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

111, 95, 138

Protanopia

90, 101, 143

Deuteranopia

94, 101, 137



Tritanopia
106, 101, 109

Trichromacy



Original Color

111, 95, 138

Protanomaly

98, 99, 141

Deuteranomaly

100, 99, 137

Tritanomaly

108, 99, 120

Monochromacy



Original Color

111, 95, 138

Achromatopsia

105, 105, 105

Achromatomaly

107, 101, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 111, 95, 138 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(111, 95, 138)` looks like.

```
.text, #text, p{  
    color:rgb(111, 95, 138)  
}
```

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(111, 95, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 95, 138) }
```

Border

The CSS property to change the border of an element to RGB 111, 95, 138 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(111, 95, 138) }
```

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

```
.border{ border-color:rgb(111, 95, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 95, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 95, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 95, 138); box-shadow:4px 4px 4px 4px rgb(111, 95, 138) }
```

Background

The CSS property to change the background color of an element to RGB 111, 95, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 95, 138) }
```

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

```
.background{ background-color: rgb(111, 95,  
138) }
```

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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