

Converting Colors

RGB(125, 116, 155)

Have a look what the booklet for
RGB(125, 116, 155) contains.

RGB(125, 116, 155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(125, 116, 155)

Conversions

Conversions Part 1

Format	Color
Hex	7D749B
RGB	125, 116, 155
RGB Percent	49%, 45%, 61%
CMY	0.5098, 0.5451, 0.3922
CMYK	0.19, 0.25, 0.00, 0.39
HSL	254°, 16%, 53%
HSV	254°, 25%, 61%
XYZ	20.6192, 19.2173, 33.6329
YIQ	123.1370, -7.1550, 14.0370

Conversions

Conversions Part 2

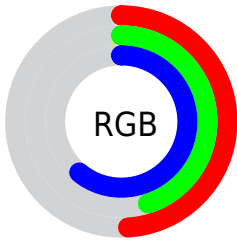
Format	Color
R_{YB}	125, 116, 155
Decimal	8221851
CIE _{Lab}	50.94, 11.90, -19.78
CIE _{LCh}	51, 23.083, 301.023
Yxy	19.2173, 0.2807, 0.2616
Android (android.graphics.Color)	4286411931 (0xFF7D749B)
YUV	123.1370, 15.7085, 1.6339
Hunter-Lab	43.8376, 7.2427, -14.8020

Details

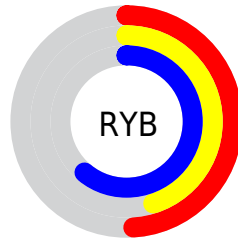
The RGB color `125, 116, 155` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `146, 155, 116`, and the grayscale version is `123, 123, 123`.

A 20% lighter version of the original color is `178, 168, 210`, and `75, 68, 104` is the 20% darker color. If you saturate the color by 10%, you get `113, 101, 155`, and if you desaturate by 10%, it is `137, 132, 155`.

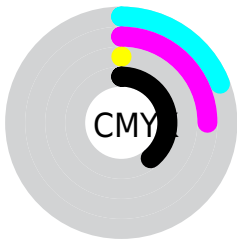
Distribution



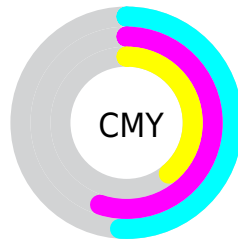
- Red (49%)
- Green (45%)
- Blue (61%)



- Red (49%)
- Yellow (45%)
- Blue (61%)



- Cyan (19%)
- Magenta (25%)
- Yellow (0%)
- Black (39%)



- Cyan (51%)
- Magenta (55%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 116, 155 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 125, 116, 155 by changing the saturation by 10% instead.

■ 125, 116, 155

255, 255, 255

■ 178, 168, 210

■ 206, 195, 238

■ 234, 223, 255

■ 255, 252, 255

■ 125, 116, 155

■ 100, 91, 129

■ 75, 68, 104

■ 52, 46, 80

■ 30, 25, 56

■ 10, 0, 35

■ 0, 0, 10

■ 0, 0, 0

■ 125, 116, 155

■ 113, 101, 155

■ 125, 116, 155

■ 137, 132, 155

101, 85, 155

149, 147, 155

89, 70, 155

161, 163, 155

77, 54, 155

173, 178, 155

65, 39, 155

185, 194, 155

53, 23, 155

197, 209, 155

42, 8, 155

208, 225, 155

36, 0, 155

220, 240, 155

232, 255, 155

Harmonies

Analogous

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



97, 123, 160



125, 116, 155



147, 110, 141

Triad

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



125, 116, 155



151, 114, 87



69, 132, 121

Complementary

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



125, 116, 155



146, 155, 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.



91, 130, 102



125, 116, 155



135, 120, 82

Square

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



125, 116, 155



160, 108, 102



114, 126, 87



58, 132, 141

Rectangle

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



125, 116, 155



156, 107, 128



114, 126, 87



76, 132, 114

Sweetspot

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



125, 116, 155



189, 185, 201



116, 147, 155



94, 92, 102



230, 230, 230



102, 102, 102

Same Dimension

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



125, 116, 155



155, 141, 201



144, 116, 155



71, 69, 77



32, 0, 140



3, 0, 13

Inverse Universe

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



155, 116, 146



201, 141, 188



127, 155, 116



77, 69, 75



140, 0, 108



13, 0, 10

Previews

White Background



This preview shows how the RGB color 125, 116, 155 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 125, 116, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

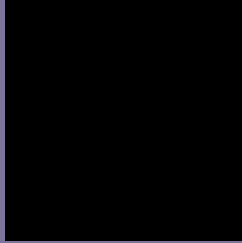
Any Text WCAG AA ✓ Pass

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 125, 116, 155 Background



This preview shows how black text looks on a background with the RGB color 125, 116, 155.



This preview shows how white text looks on a background with the RGB color 125, 116, 155.

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
125, 116, 155

Protanopia
111, 120, 158

Deuteranopia
116, 119, 154



Tritanopia
121, 121, 130

Trichromacy



Original Color

125, 116, 155

Protanomaly

116, 119, 157

Deuteranomaly

119, 118, 154

Tritanomaly

122, 119, 139

Monochromacy



Original Color

125, 116, 155

Achromatopsia

123, 123, 123

Achromatomaly

124, 120, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 116, 155 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(125, 116, 155)` looks like.

```
.text, #text, p{  
    color:rgb(125, 116, 155)  
}
```

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(125, 116, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 116, 155) }
```

Border

The CSS property to change the border of an element to RGB 125, 116, 155 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(125, 116, 155) }
```

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

```
.border{ border-color:rgb(125, 116, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 116, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 116, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 116, 155);  
box-shadow:4px 4px 4px 4px rgb(125, 116,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 125, 116, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 116, 155) }
```

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

```
.background{ background-color: rgb(125,  
116, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor