

Converting Colors

RGB(117, 81, 135)

Have a look what the booklet for
RGB(117, 81, 135) contains.

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Color

RGB(117, 81, 135)

Conversions

Conversions Part 1

Format	Color
Hex	755187
RGB	117, 81, 135
RGB Percent	46%, 32%, 53%
CMY	0.5412, 0.6824, 0.4706
CMYK	0.13, 0.40, 0.00, 0.47
HSL	280°, 25%, 42%
HSV	280°, 40%, 53%
XYZ	14.6517, 11.4160, 24.3530
YIQ	97.9200, 4.1220, 24.4260

Conversions

Conversions Part 2

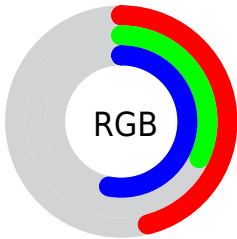
Format	Color
R_{YB}	117, 81, 135
Decimal	7688583
CIE _{Lab}	40.27, 25.54, -24.38
CIE _{LCh}	40, 35.309, 316.330
Yxy	11.4160, 0.2906, 0.2264
Android (android.graphics.Color)	4285878663 (0xFF755187)
YUV	97.9200, 18.2804, 16.7332
Hunter-Lab	33.7876, 18.2767, -19.0828

Details

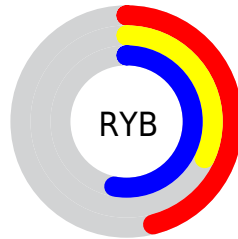
The RGB color **117, 81, 135** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **99, 135, 81**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **170, 131, 188**, and **67, 35, 85** is the 20% darker color. If you saturate the color by 10%, you get **113, 68, 135**, and if you desaturate by 10%, it is **122, 94, 135**.

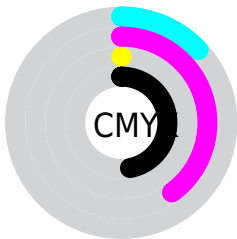
Distribution



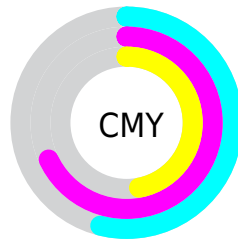
- Red (46%)
- Green (32%)
- Blue (53%)



- Red (46%)
- Yellow (32%)
- Blue (53%)



- Cyan (13%)
- Magenta (40%)
- Yellow (0%)
- Black (47%)



- Cyan (54%)
- Magenta (68%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 81, 135 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 117, 81, 135 by changing the saturation by 10% instead.



117, 81, 135



117, 81, 135

255, 255, 255



92, 57, 110



170, 131, 188



67, 35, 85



198, 157, 216



44, 13, 62



226, 184, 245



27, 0, 40



255, 212, 255



0, 1, 17



255, 241, 255



0, 0, 0



117, 81, 135



117, 81, 135



113, 68, 135



122, 94, 135



108, 54, 135



126, 108, 135

■ 104, 41, 135

■ 131, 122, 135

■ 99, 27, 135

■ 135, 135, 135

■ 95, 13, 135

■ 139, 149, 135

■ 90, 0, 135

■ 144, 162, 135

■ 148, 176, 135

■ 153, 189, 135

■ 157, 203, 135

Harmonies

Analogous

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



74, 92, 150



117, 81, 135



141, 72, 109

Triad

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



117, 81, 135



123, 89, 37



0, 109, 110

Complementary

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



117, 81, 135



99, 135, 81

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.



0, 109, 80



117, 81, 135



96, 98, 37

Square

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



117, 81, 135



141, 78, 54



63, 105, 53



0, 107, 136

Rectangle

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



117, 81, 135



148, 70, 90



63, 105, 53



0, 109, 100

Sweetspot

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



117, 81, 135



169, 155, 176



81, 99, 135



85, 77, 89



217, 217, 217



89, 89, 89

Same Dimension

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



117, 81, 135



148, 91, 176



135, 81, 126



64, 60, 66



87, 0, 130



2, 0, 3

Inverse Universe

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



135, 81, 99



176, 91, 120



81, 135, 90



66, 60, 62



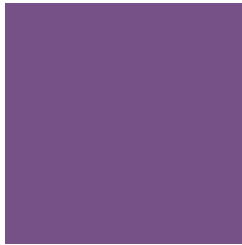
130, 0, 43



3, 0, 1

Previews

White Background



This preview shows how the RGB color 117, 81, 135 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 117, 81, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

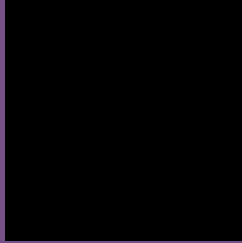
Any Text WCAG AA × Fail

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 117, 81, 135 Background



This preview shows how black text looks on a background with the RGB color 117, 81, 135.

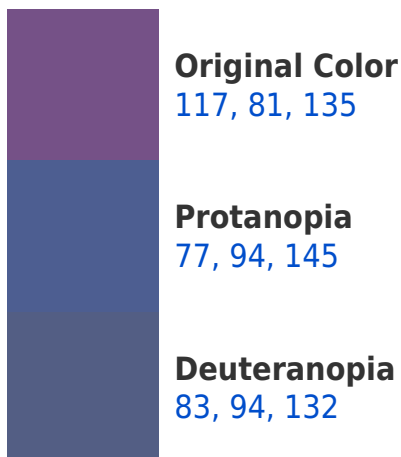


This preview shows how white text looks on a background with the RGB color 117, 81, 135.

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





Tritanopia
111, 89, 96

Trichromacy



Original Color

117, 81, 135

Protanomaly

92, 89, 141

Deuteranomaly

95, 89, 133

Tritanomaly

113, 86, 110

Monochromacy



Original Color

117, 81, 135

Achromatopsia

98, 98, 98

Achromatomaly

105, 92, 111

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 81, 135 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(117, 81, 135)` looks like.

```
.text, #text, p{  
    color:rgb(117, 81, 135)  
}
```

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(117, 81, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 81, 135) }
```

Border

The CSS property to change the border of an element to RGB 117, 81, 135 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(117, 81, 135) }
```

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

```
.border{ border-color:rgb(117, 81, 135) }
```

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

Here you see how a box with a 4 pixel rgb(117, 81, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 81, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 81, 135);  
box-shadow:4px 4px 4px 4px rgb(117, 81,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 117, 81, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 81, 135) }
```

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

```
.background{ background-color: rgb(117, 81,  
135) }
```

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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