

Converting Colors

RGB(117, 117, 186)

Have a look what the booklet for
RGB(117, 117, 186) contains.

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Color

RGB(117, 117, 186)

Conversions

Conversions Part 1

Format	Color
Hex	7575BA
RGB	117, 117, 186
RGB Percent	46%, 46%, 73%
CMY	0.5412, 0.5412, 0.2706
CMYK	0.37, 0.37, 0.00, 0.27
HSL	240°, 33%, 59%
HSV	240°, 37%, 73%
XYZ	22.5603, 20.0497, 49.1353
YIQ	124.8660, -22.1490, 21.4590

Conversions

Conversions Part 2

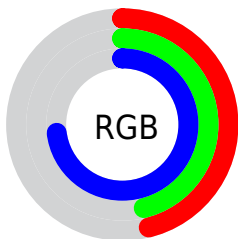
Format	Color
R_{YB}	117, 117, 186
Decimal	7697850
CIE _{Lab}	51.89, 16.94, -36.35
CIE _{LCh}	52, 40.100, 294.983
Yxy	20.0497, 0.2459, 0.2185
Android (android.graphics.Color)	4285887930 (0xFF7575BA)
YUV	124.8660, 30.1391, -6.8985
Hunter-Lab	44.7768, 11.5758, -33.7173

Details

The RGB color `117, 117, 186` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `186, 186, 117`, and the grayscale version is `125, 125, 125`.

A 20% lighter version of the original color is `171, 169, 242`, and `65, 69, 132` is the 20% darker color. If you saturate the color by 10%, you get `98, 98, 186`, and if you desaturate by 10%, it is `136, 136, 186`.

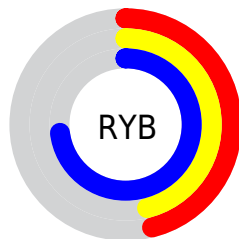
Distribution



Red (46%)

Green (46%)

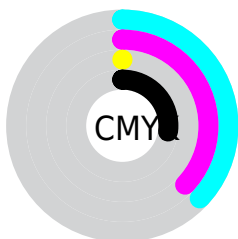
Blue (73%)



Red (46%)

Yellow (46%)

Blue (73%)

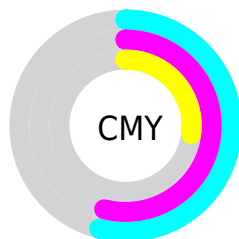


Cyan (37%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (54%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 117, 186 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, 117, 186 by changing the saturation by 10% instead.

■ 117, 117, 186

255, 255, 255

■ 171, 169, 242

■ 199, 196, 255

■ 228, 224, 255

■ 255, 253, 255

■ 117, 117, 186

■ 91, 92, 159

■ 65, 69, 132

■ 38, 47, 107

■ 4, 26, 82

■ 0, 0, 59

■ 0, 2, 36

■ 0, 0, 12


■ 0, 0, 0


■ 117, 117, 186


■ 117, 117, 186

 98, 98, 186

 136, 136, 186


 80, 80, 186

 154, 154, 186

 61, 61, 186

 173, 173, 186

 43, 43, 186

 191, 191, 186

 24, 24, 186

 210, 210, 186

 5, 5, 186

 229, 229, 186

 0, 0, 186

 247, 247, 186

 255, 255, 186

Harmonies

Analogous

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



44, 129, 192



117, 117, 186



161, 104, 164

Triad

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



117, 117, 186



175, 107, 68



0, 141, 117

Complementary

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



117, 117, 186



186, 186, 117

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.



73, 137, 83



117, 117, 186



149, 120, 53

Square

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



117, 117, 186



188, 97, 97



115, 130, 59



0, 141, 152

Rectangle

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



117, 117, 186



178, 97, 142



115, 130, 59



30, 140, 105

Sweetspot

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



117, 117, 186



216, 216, 242



117, 186, 186



106, 106, 122



250, 250, 250



122, 122, 122

Same Dimension

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



117, 117, 186



133, 133, 242



152, 117, 186



83, 83, 92



0, 0, 156



0, 0, 28

Inverse Universe

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



186, 117, 186



242, 133, 242



152, 186, 117



92, 83, 92



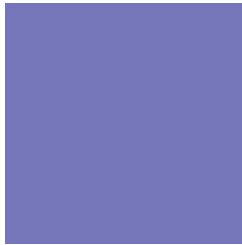
156, 0, 156



28, 0, 28

Previews

White Background



This preview shows how the RGB color 117, 117, 186 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 117, 117, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

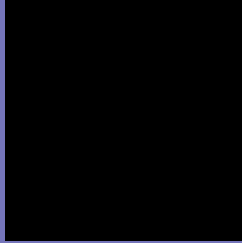
Any Text WCAG AA ✓ Pass

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 117, 117, 186 Background



This preview shows how black text looks on a background with the RGB color 117, 117, 186.

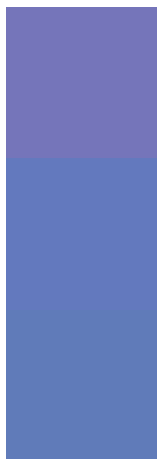


This preview shows how white text looks on a background with the RGB color 117, 117, 186.

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

117, 117, 186

Protanopia

99, 121, 190

Deuteranopia

96, 123, 185



Tritanopia
106, 127, 137

Trichromacy



Original Color

117, 117, 186

Protanomaly

106, 120, 189

Deuteranomaly

104, 121, 185

Tritanomaly

110, 123, 155

Monochromacy



Original Color

117, 117, 186

Achromatopsia

125, 125, 125

Achromatomaly

122, 122, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 117, 186 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, 117, 186)` looks like.

```
.text, #text, p{  
    color:rgb(117, 117, 186)  
}
```

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, 117, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 117, 186) }
```

Border

The CSS property to change the border of an element to RGB 117, 117, 186 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, 117, 186) }
```

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

```
.border{ border-color:rgb(117, 117, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 117, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 117, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 117, 186);  
box-shadow:4px 4px 4px 4px rgb(117, 117,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 117, 117, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 117, 186) }
```

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

```
.background{ background-color: rgb(117,  
117, 186) }
```

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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