

Converting Colors

RGB(117, 135, 195)

Have a look what the booklet for
RGB(117, 135, 195) contains.

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Color

RGB(117, 135, 195)

Conversions

Conversions Part 1

Format	Color
Hex	7587C3
RGB	117, 135, 195
RGB Percent	46%, 53%, 76%
CMY	0.5412, 0.4706, 0.2353
CMYK	0.40, 0.31, 0.00, 0.24
HSL	226°, 39%, 61%
HSV	226°, 40%, 76%
XYZ	25.8504, 25.0500, 55.1024
YIQ	136.4580, -29.9880, 14.8440

Conversions

Conversions Part 2

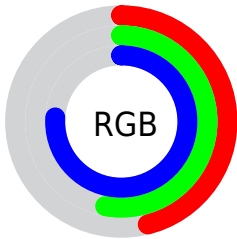
Format	Color
R _Y B	117, 132, 195
Decimal	7702467
CIE Lab	57.12, 8.76, -33.30
CIE LCh	57, 34.437, 284.739
Yxy	25.0500, 0.2439, 0.2363
Android (android.graphics.Color)	4285892547 (0xFF7587C3)
YUV	136.4580, 28.8612, -17.0647
Hunter-Lab	50.0500, 4.6064, -30.2403

Details

The RGB color **117, 135, 195** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **195, 177, 117**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **172, 188, 252**, and **64, 86, 141** is the 20% darker color. If you saturate the color by 10%, you get **98, 120, 195**, and if you desaturate by 10%, it is **136, 150, 195**.

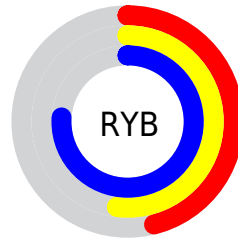
Distribution



Red (46%)

Green (53%)

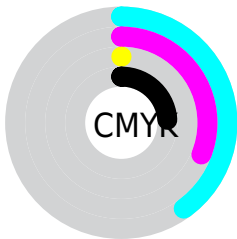
Blue (76%)



Red (46%)

Yellow (52%)

Blue (76%)

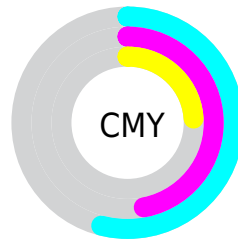


Cyan (40%)

Magenta (31%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (47%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 135, 195 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, 135, 195 by changing the saturation by 10% instead.

■ 117, 135, 195

255, 255, 255

■ 172, 188, 252

■ 200, 216, 255

■ 229, 244, 255

■ 117, 135, 195

■ 90, 110, 168

■ 64, 86, 141

■ 36, 63, 115

■ 0, 41, 90

■ 0, 21, 66


■ 0, 3, 44

■ 0, 1, 22


■ 0, 0, 0

■ 117, 135, 195

■ 117, 135, 195

 98, 120, 195

 136, 150, 195

 78, 105, 195

 156, 165, 195

 59, 90, 195

 176, 180, 195

 39, 75, 195

 195, 195, 195

 19, 60, 195

 215, 210, 195

 0, 45, 195

 234, 225, 195

 254, 240, 195

 255, 255, 195

Harmonies

Analogous

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



62, 145, 194



117, 135, 195



159, 124, 180

Triad

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



117, 135, 195



189, 120, 96



68, 152, 120

Complementary

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



117, 135, 195



195, 177, 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.



108, 148, 93



117, 135, 195



170, 130, 79

Square

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



117, 135, 195



195, 114, 123



142, 140, 78



2, 153, 151

Rectangle

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



117, 135, 195



179, 118, 163



142, 140, 78



83, 151, 110

Sweetspot

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



117, 135, 195



222, 229, 252



117, 195, 177



110, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



117, 135, 195



131, 159, 252



138, 117, 195



87, 89, 97



0, 37, 161



0, 8, 33

Inverse Universe

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



195, 117, 135



252, 131, 159



174, 195, 117



97, 87, 89



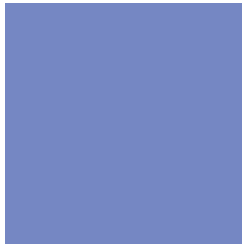
161, 0, 37



33, 0, 8

Previews

White Background



This preview shows how the RGB color 117, 135, 195 looks on a white background.

Color Contrast Check

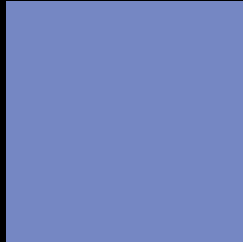
Large Text (above 18pt) WCAG AA ✓ Pass

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, 135, 195 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, 135, 195 Background



This preview shows how black text looks on a background with the RGB color 117, 135, 195.



This preview shows how white text looks on a background with the RGB color 117, 135, 195.

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, 135, 195

Protanopia
118, 135, 195

Deuteranopia
115, 136, 195



Tritanopia
107, 143, 154

Trichromacy



Original Color
117, 135, 195

Protanomaly
118, 135, 195

Deuteranomaly
116, 136, 195

Tritanomaly
111, 140, 169

Monochromacy



Original Color
117, 135, 195

Achromatopsia
136, 136, 136

Achromatomaly
129, 136, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 135, 195 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, 135, 195)` looks like.

```
.text, #text, p{  
    color:rgb(117, 135, 195)  
}
```

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, 135, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 135, 195) }
```

Border

The CSS property to change the border of an element to RGB 117, 135, 195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

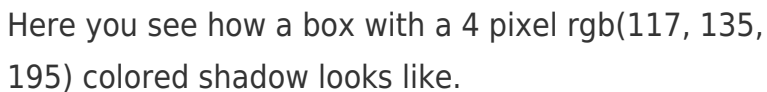
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 135, 195) }
```

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

```
.border{ border-color:rgb(117, 135, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 135, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 135, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 135, 195);  
box-shadow:4px 4px 4px 4px rgb(117, 135,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 117, 135, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 135, 195) }
```

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

```
.background{ background-color: rgb(117,  
135, 195) }
```

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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