

Converting Colors

RGB(117, 137, 181)

Have a look what the booklet for
RGB(117, 137, 181) contains.

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Color

RGB(117, 137, 181)

Conversions

Conversions Part 1

Format	Color
Hex	7589B5
RGB	117, 137, 181
RGB Percent	46%, 54%, 71%
CMY	0.5412, 0.4627, 0.2902
CMYK	0.35, 0.24, 0.00, 0.29
HSL	221°, 30%, 58%
HSV	221°, 35%, 71%
XYZ	24.6223, 25.0094, 47.2456
YIQ	136.0360, -26.0440, 9.4440

Conversions

Conversions Part 2

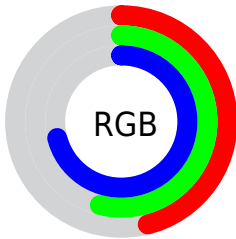
Format	Color
R_{YB}	117, 132, 181
Decimal	7702965
CIE _{Lab}	57.08, 3.72, -25.41
CIE _{LCh}	57, 25.676, 278.325
Yxy	25.0094, 0.2542, 0.2582
Android (android.graphics.Color)	4285893045 (0xFF7589B5)
YUV	136.0360, 22.1673, -16.6946
Hunter-Lab	50.0094, 0.3684, -21.0067

Details

The RGB color **117, 137, 181** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **181, 161, 117**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **171, 190, 237**, and **66, 87, 128** is the 20% darker color. If you saturate the color by 10%, you get **99, 125, 181**, and if you desaturate by 10%, it is **135, 149, 181**.

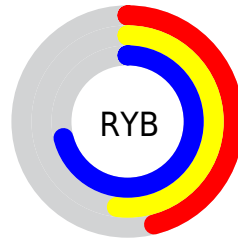
Distribution



Red (46%)

Green (54%)

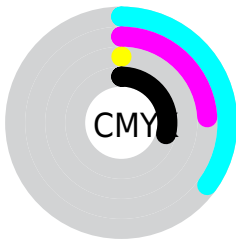
Blue (71%)



Red (46%)

Yellow (52%)

Blue (71%)

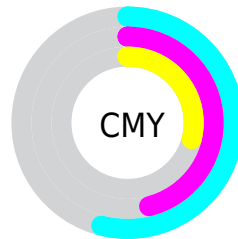


Cyan (35%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 137, 181 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, 137, 181 by changing the saturation by 10% instead.

■ 117, 137, 181

255, 255, 255

■ 171, 190, 237

■ 199, 218, 255

■ 227, 246, 255

■ 117, 137, 181

■ 91, 112, 154

■ 66, 87, 128

■ 40, 64, 103

■ 11, 42, 79

■ 0, 22, 55

■ 0, 2, 34

■ 0, 0, 8

■ 0, 0, 0

■ 117, 137, 181

■ 117, 137, 181

■ 99, 125, 181

■ 135, 149, 181

■ 81, 112, 181

■ 153, 162, 181

■ 63, 100, 181

■ 171, 174, 181

■ 45, 87, 181

■ 189, 187, 181

■ 27, 75, 181

■ 208, 199, 181

■ 8, 62, 181

■ 226, 212, 181

■ 0, 57, 181

■ 244, 224, 181

■ 255, 237, 181

■ 255, 249, 181

Harmonies

Analogous

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



85, 144, 178



117, 137, 181



148, 129, 172

Triad

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



117, 137, 181



179, 123, 110



96, 148, 120

Complementary

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



117, 137, 181



181, 161, 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.



122, 144, 101



117, 137, 181



167, 130, 96

Square

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



117, 137, 181



181, 120, 131



147, 138, 92



73, 149, 143

Rectangle

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



117, 137, 181



164, 124, 161



147, 138, 92



104, 147, 113

Sweetspot

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



117, 137, 181



209, 217, 235



117, 181, 161



102, 107, 117



245, 245, 245



117, 117, 117

Same Dimension

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



117, 137, 181



136, 167, 235



129, 117, 181



80, 83, 89



0, 48, 153



0, 8, 26

Inverse Universe

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



181, 117, 137



235, 136, 167



169, 181, 117



89, 80, 83



153, 0, 48



26, 0, 8

Previews

White Background



This preview shows how the RGB color 117, 137, 181 looks on a white background.

Color Contrast Check

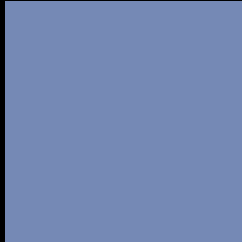
Large Text (above 18pt) WCAG AA ✓ Pass

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, 137, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

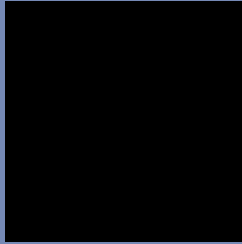
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

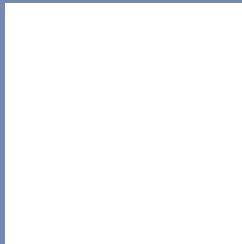
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 117, 137, 181 Background



This preview shows how black text looks on a background with the RGB color 117, 137, 181.



This preview shows how white text looks on a background with the RGB color 117, 137, 181.

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, 137, 181

Protanopia

125, 135, 180

Deuteranopia

125, 135, 182



Tritanopia
111, 142, 153

Trichromacy



Original Color
117, 137, 181

Protanomaly
122, 136, 180

Deuteranomaly
122, 136, 182

Tritanomaly
113, 140, 163

Monochromacy



Original Color
117, 137, 181

Achromatopsia
136, 136, 136

Achromatomaly
129, 136, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 137, 181 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, 137, 181)` looks like.

```
.text, #text, p{  
    color:rgb(117, 137, 181)  
}
```

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, 137, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 137, 181) }
```

Border

The CSS property to change the border of an element to RGB 117, 137, 181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

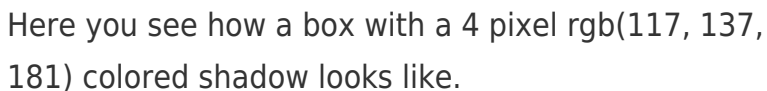
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 137, 181) }
```

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

```
.border{ border-color:rgb(117, 137, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 137, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 137, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 137, 181); box-shadow:4px 4px 4px 4px rgb(117, 137, 181) }
```

Background

The CSS property to change the background color of an element to RGB 117, 137, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 137, 181) }
```

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

```
.background{ background-color: rgb(117,  
137, 181) }
```

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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