

Converting Colors

RGB(101, 117, 163)

Have a look what the booklet for
RGB(101, 117, 163) contains.

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Color

RGB(101, 117, 163)

Conversions

Conversions Part 1

Format	Color
Hex	6575A3
RGB	101, 117, 163
RGB Percent	40%, 46%, 64%
CMY	0.6039, 0.5412, 0.3608
CMYK	0.38, 0.28, 0.00, 0.36
HSL	225°, 25%, 52%
HSV	225°, 38%, 64%
XYZ	18.3390, 18.1336, 37.1839
YIQ	117.4600, -24.3020, 10.9140

Conversions

Conversions Part 2

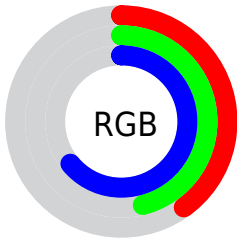
Format	Color
R_{YB}	101, 114, 163
Decimal	6649251
CIE _{Lab}	49.66, 5.92, -26.59
CIE _{LCh}	50, 27.243, 282.541
Yxy	18.1336, 0.2490, 0.2462
Android (android.graphics.Color)	4284839331 (0xFF6575A3)
YUV	117.4600, 22.4512, -14.4354
Hunter-Lab	42.5836, 2.3512, -21.9634

Details

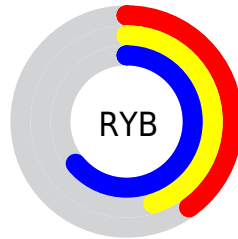
The RGB color **101, 117, 163** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **163, 147, 101**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **154, 169, 218**, and **50, 69, 111** is the 20% darker color. If you saturate the color by 10%, you get **85, 105, 163**, and if you desaturate by 10%, it is **117, 129, 163**.

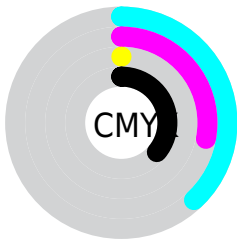
Distribution



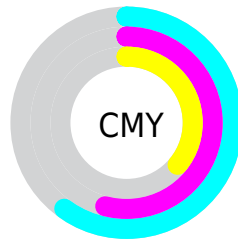
- Red (40%)
- Green (46%)
- Blue (64%)



- Red (40%)
- Yellow (45%)
- Blue (64%)



- Cyan (38%)
- Magenta (28%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (54%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 117, 163 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 101, 117, 163 by changing the saturation by 10% instead.

■ 101, 117, 163

255, 255, 255

■ 154, 169, 218

■ 181, 196, 247

■ 209, 224, 255

■ 238, 253, 255

■ 101, 117, 163

■ 75, 92, 137

■ 50, 69, 111

■ 24, 47, 86

■ 0, 27, 63

■ 0, 0, 41

■ 0, 1, 19

■ 0, 0, 0

■ 101, 117, 163

■ 85, 105, 163

■ 101, 117, 163

■ 117, 129, 163

■ 68, 93, 163

■ 134, 141, 163

■ 52, 81, 163

■ 150, 153, 163

■ 36, 69, 163

■ 166, 165, 163

■ 19, 57, 163

■ 182, 177, 163

■ 3, 44, 163

■ 199, 190, 163

■ 0, 42, 163

■ 215, 202, 163

■ 231, 214, 163

■ 248, 226, 163

Harmonies

Analogous

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



63, 124, 162



101, 117, 163



133, 109, 152

Triad

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



101, 117, 163



160, 105, 88



70, 130, 103

Complementary

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



101, 117, 163



163, 147, 101

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.



98, 126, 83



101, 117, 163



145, 112, 74

Square

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



101, 117, 163



163, 100, 109



124, 120, 72



41, 131, 127

Rectangle

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



101, 117, 163



149, 104, 140



124, 120, 72



80, 129, 96

Sweetspot

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



101, 117, 163



188, 194, 212



101, 163, 146



93, 97, 107



235, 235, 235



107, 107, 107

Same Dimension

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



101, 117, 163



114, 139, 212



115, 101, 163



73, 76, 82



0, 38, 145



0, 5, 18

Inverse Universe

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



163, 101, 117



212, 114, 139



149, 163, 101



82, 73, 76



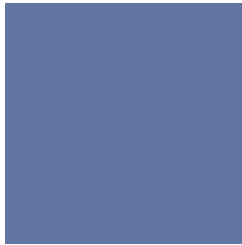
145, 0, 38



18, 0, 5

Previews

White Background



This preview shows how the RGB color 101, 117, 163 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 101, 117, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

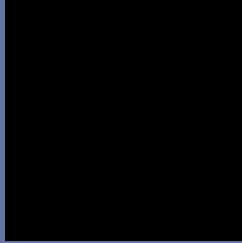
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

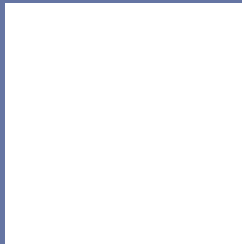
Any Text WCAG AAA × Fail

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

RGB 101, 117, 163 Background



This preview shows how black text looks on a background with the RGB color 101, 117, 163.



This preview shows how white text looks on a background with the RGB color 101, 117, 163.

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

101, 117, 163

Protanopia

104, 116, 162

Deuteranopia

103, 116, 163



Tritanopia

94, 123, 133

Trichromacy



Original Color

101, 117, 163

Protanomaly

103, 116, 162

Deuteranomaly

102, 116, 163

Tritanomaly

97, 121, 144

Monochromacy



Original Color

101, 117, 163

Achromatopsia

117, 117, 117

Achromatomaly

111, 117, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 117, 163 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(101, 117, 163)` looks like.

```
.text, #text, p{  
    color:rgb(101, 117, 163)  
}
```

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(101, 117, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 117, 163) }
```

Border

The CSS property to change the border of an element to RGB 101, 117, 163 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(101, 117, 163) }
```

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

```
.border{ border-color:rgb(101, 117, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 117, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 117, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 117, 163);  
box-shadow:4px 4px 4px 4px rgb(101, 117,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 101, 117, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 117, 163) }
```

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

```
.background{ background-color: rgb(101,  
117, 163) }
```

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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