

Converting Colors

RGB(115, 142, 165)

Have a look what the booklet for
RGB(115, 142, 165) contains.

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Color

RGB(115, 142, 165)

Conversions

Conversions Part 1

Format	Color
Hex	738EA5
RGB	115, 142, 165
RGB Percent	45%, 56%, 65%
CMY	0.5490, 0.4431, 0.3529
CMYK	0.30, 0.14, 0.00, 0.35
HSL	208°, 22%, 55%
HSV	208°, 30%, 65%
XYZ	23.5348, 25.7075, 39.3189
YIQ	136.5490, -23.4750, 1.4290

Conversions

Conversions Part 2

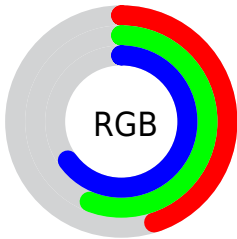
Format	Color
R_{YB}	115, 133, 165
Decimal	7573157
CIE _{Lab}	57.76, -3.95, -15.25
CIE _{LCh}	58, 15.756, 255.482
Yxy	25.7075, 0.2657, 0.2903
Android (android.graphics.Color)	4285763237 (0xFF738EA5)
YUV	136.5490, 14.0263, -18.8985
Hunter-Lab	50.7025, -5.8744, -10.4866

Details

The RGB color `115, 142, 165` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `165, 138, 115`, and the grayscale version is `136, 136, 136`.

A 20% lighter version of the original color is `168, 196, 220`, and `65, 92, 113` is the 20% darker color. If you saturate the color by 10%, you get `98, 134, 165`, and if you desaturate by 10%, it is `132, 150, 165`.

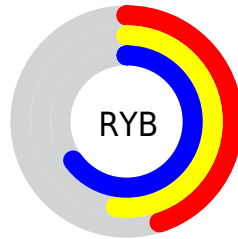
Distribution



Red (45%)

Green (56%)

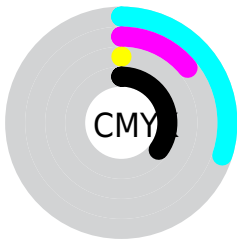
Blue (65%)



Red (45%)

Yellow (52%)

Blue (65%)

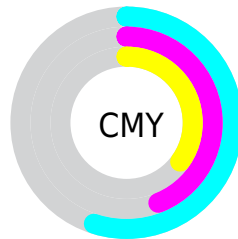


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 142, 165 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 115, 142, 165 by changing the saturation by 10% instead.

 115, 142, 165


255, 255, 255


 168, 196, 220

 196, 224, 249


 224, 252, 255

253, 255, 255

 115, 142, 165

 90, 116, 139

 65, 92, 113

 41, 68, 89


 16, 46, 65


 0, 26, 43

 0, 1, 23

 0, 0, 0

 115, 142, 165

 98, 134, 165

 115, 142, 165

 132, 150, 165

■ 82, 127, 165

■ 148, 157, 165

■ 66, 119, 165

■ 164, 165, 165

■ 49, 112, 165

■ 181, 172, 165

■ 32, 104, 165

■ 197, 180, 165

■ 16, 96, 165

■ 214, 188, 165

■ 0, 89, 165

■ 230, 195, 165

■ 247, 203, 165

■ 255, 210, 165

Harmonies

Analogous

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



103, 145, 158



115, 142, 165



133, 138, 165

Triad

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



115, 142, 165



168, 129, 132



126, 144, 119

Complementary

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



115, 142, 165



165, 138, 115

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.



142, 140, 112



115, 142, 165



165, 131, 120

Square

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



115, 142, 165



162, 130, 146



156, 136, 112



112, 146, 131

Rectangle

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



115, 142, 165



144, 134, 161



156, 136, 112



131, 143, 116

Sweetspot

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



115, 142, 165



195, 205, 214



115, 165, 138



95, 102, 107



235, 235, 235



107, 107, 107

Same Dimension

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



115, 142, 165



137, 179, 214



115, 117, 165



73, 78, 82



0, 78, 145



0, 10, 18

Inverse Universe

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



165, 115, 142



214, 137, 179



165, 163, 115



82, 73, 78



145, 0, 78



18, 0, 10

Previews

White Background



This preview shows how the RGB color 115, 142, 165 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 115, 142, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

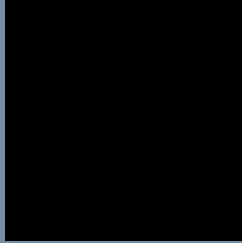
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

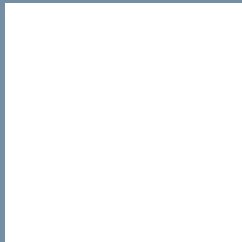
Any Text WCAG AAA × Fail

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

RGB 115, 142, 165 Background



This preview shows how black text looks on a background with the RGB color 115, 142, 165.

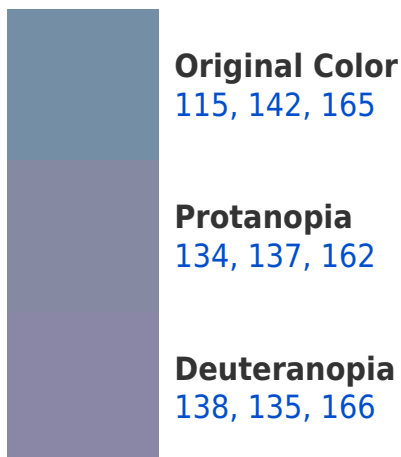


This preview shows how white text looks on a background with the RGB color 115, 142, 165.

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
113, 144, 155

Trichromacy



Original Color

115, 142, 165

Protanomaly

127, 139, 163

Deuteranomaly

130, 138, 166

Tritanomaly

114, 143, 159

Monochromacy



Original Color

115, 142, 165

Achromatopsia

137, 137, 137

Achromatomaly

129, 139, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 142, 165 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(115, 142, 165)` looks like.

```
.text, #text, p{  
    color:rgb(115, 142, 165)  
}
```

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(115, 142, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 142, 165) }
```

Border

The CSS property to change the border of an element to RGB 115, 142, 165 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(115, 142, 165) }
```

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

```
.border{ border-color:rgb(115, 142, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 142, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 142, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 142, 165);  
box-shadow:4px 4px 4px 4px rgb(115, 142,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 115, 142, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 142, 165) }
```

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

```
.background{ background-color: rgb(115,  
142, 165) }
```

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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