

Converting Colors

RGB(79, 108, 158)

Have a look what the booklet for
RGB(79, 108, 158) contains.

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Color

RGB(79, 108, 158)

Conversions

Conversions Part 1

Format	Color
Hex	4F6C9E
RGB	79, 108, 158
RGB Percent	31%, 42%, 62%
CMY	0.6902, 0.5765, 0.3804
CMYK	0.50, 0.32, 0.00, 0.38
HSL	218°, 33%, 46%
HSV	218°, 50%, 62%
XYZ	14.7586, 14.8560, 34.4374
YIQ	105.0290, -33.3340, 9.4020

Conversions

Conversions Part 2

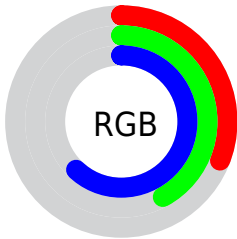
Format	Color
R_{YB}	79, 100, 158
Decimal	5205150
CIE _{Lab}	45.44, 3.93, -30.34
CIE _{LCh}	45, 30.595, 277.384
Yxy	14.8560, 0.2304, 0.2319
Android (android.graphics.Color)	4283395230 (0xFF4F6C9E)
YUV	105.0290, 26.1147, -22.8274
Hunter-Lab	38.5435, 0.8977, -25.9933

Details

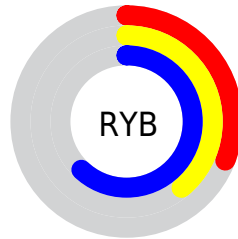
The RGB color **79, 108, 158** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **158, 129, 79**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **132, 159, 213**, and **22, 61, 106** is the 20% darker color. If you saturate the color by 10%, you get **63, 98, 158**, and if you desaturate by 10%, it is **95, 118, 158**.

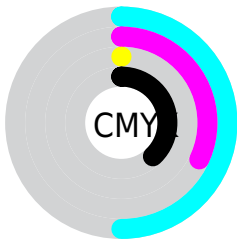
Distribution



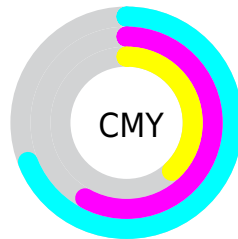
- Red (31%)
- Green (42%)
- Blue (62%)



- Red (31%)
- Yellow (39%)
- Blue (62%)



- Cyan (50%)
- Magenta (32%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 79, 108, 158 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 79, 108, 158 by changing the saturation by 10% instead.



79, 108, 158



79, 108, 158

255, 255, 255



52, 84, 132



132, 159, 213



22, 61, 106



160, 186, 241



0, 40, 82



188, 214, 255



0, 19, 58



216, 242, 255



0, 2, 36



245, 255, 255



0, 1, 13



0, 0, 0



79, 108, 158



79, 108, 158



63, 98, 158



95, 118, 158

■ 47, 88, 158

■ 111, 128, 158

■ 32, 78, 158

■ 126, 138, 158

■ 16, 68, 158

■ 142, 148, 158

■ 0, 58, 158

■ 158, 158, 158

■ 174, 168, 158

■ 190, 178, 158

■ 205, 188, 158

■ 221, 198, 158

Harmonies

Analogous

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



20, 115, 154



79, 108, 158



118, 99, 148

Triad

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



79, 108, 158



154, 91, 78



57, 119, 87

Complementary

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



79, 108, 158



158, 129, 79

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.



90, 115, 66



79, 108, 158



140, 99, 61

Square

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



79, 108, 158



156, 87, 102



118, 108, 56



0, 121, 113

Rectangle

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



79, 108, 158



137, 93, 135



118, 108, 56



69, 118, 79

Sweetspot

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



79, 108, 158



176, 187, 207



79, 158, 128



86, 93, 105



232, 232, 232



105, 105, 105

Same Dimension

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



79, 108, 158



83, 128, 207



88, 79, 158



71, 74, 79



0, 52, 143



0, 6, 15

Inverse Universe

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



158, 79, 108



207, 83, 128



149, 158, 79



79, 71, 74



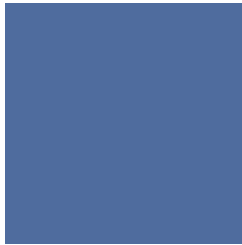
143, 0, 52



15, 0, 6

Previews

White Background



This preview shows how the RGB color 79, 108, 158 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 79, 108, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

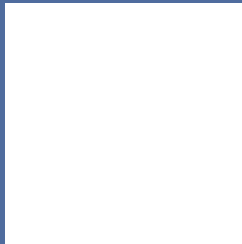
Any Text WCAG AAA × Fail

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

RGB 79, 108, 158 Background



This preview shows how black text looks on a background with the RGB color 79, 108, 158.

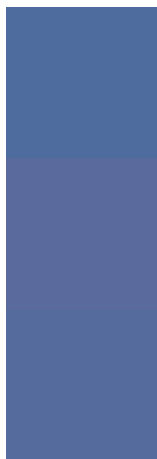


This preview shows how white text looks on a background with the RGB color 79, 108, 158.

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


79, 108, 158

Protanopia

91, 106, 156

Deuteranopia

85, 107, 158



Tritanopia
68, 115, 124

Trichromacy



Original Color

79, 108, 158

Protanomaly

87, 107, 157

Deuteranomaly

83, 107, 158

Tritanomaly

72, 112, 136

Monochromacy



Original Color

79, 108, 158

Achromatopsia

105, 105, 105

Achromatomaly

96, 106, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 79, 108, 158 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(79, 108, 158)` looks like.

```
.text, #text, p{  
    color:rgb(79, 108, 158)  
}
```

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(79, 108, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 108, 158) }
```

Border

The CSS property to change the border of an element to RGB 79, 108, 158 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(79, 108, 158) }
```

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

```
.border{ border-color:rgb(79, 108, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 108, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 108, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 108, 158);  
box-shadow:4px 4px 4px 4px rgb(79, 108,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 79, 108, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 108, 158) }
```

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

```
.background{ background-color: rgb(79, 108,  
158) }
```

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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