Converting Colors

RGB(79, 98, 119)

Have a look what the booklet for RGB(79, 98, 119) contains.

Color

RGB(79, 98, 119)

Conversions

Format	Color
Hex	4F6277
RGB	79, 98, 119
RGB Percent	31%, 38%, 47%
CMY	0.6902, 0.6157, 0.5333
CMYK	0.34, 0.18, 0.00, 0.53
HSL	212°, 20%, 39%
HSV	212°, 34%, 47%
XYZ	10.9219, 11.7295, 19.1411
YIQ	94.7130, -18.0650, 2.5030

Conversions Part 1

Conversions

Conversions Part 2

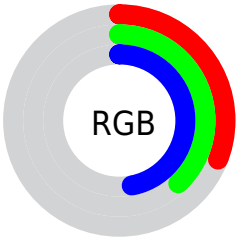
Format	Color
RYB	79, 92, 119
Decimal	5202551
CIELab	40.78, -1.67, -14.14
CIELCh	41, 14.235, 263.262
Yxy	11.7295, 0.2613, 0.2807
Android (android.graphics.Color)	4283392631 (0xFF4F6277)
YUV	94.7130, 11.9735, -13.7803
Hunter-Lab	34.2484, -3.0106, -9.1628

Details

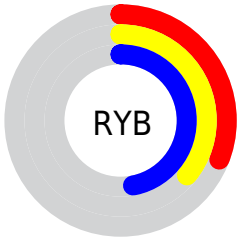
The RGB color 79, 98, 119 is a dark color, and the websafe version is hex 666666. A complement of this color would be 119, 100, 79, and the grayscale version is 95, 95, 95.

A 20% lighter version of the original color is 129, 149, 171, and 32, 52, 71 is the 20% darker color. If you saturate the color by 10%, you get 67, 92, 119, and if you desaturate by 10%, it is 91, 104, 119.

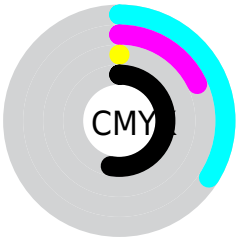
Distribution



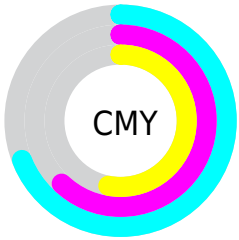
- Red (31%)
- Green (38%)
- Blue (47%)



- Red (31%)
- Yellow (36%)
- Blue (47%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (53%)



- Cyan (69%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 79, 98, 119 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, 98, 119 by changing the saturation by 10% instead.

79, 98, 119	79, 98, 119
255, 255, 255	55, 74, 94
129, 149, 171	32, 52, 71
156, 175, 199	8, 31, 48
183, 203, 227	0, 6, 28
211, 231, 255	0, 0, 0
239, 255, 255	

79, 98, 119	79, 98, 119
67, 92, 119	91, 104, 119
55, 86, 119	103, 110, 119

43, 79, 119

31, 73, 119

20, 67, 119

8, 61, 119

0, 57, 119

115, 117, 119

127, 123, 119

139, 129, 119

150, 135, 119

162, 142, 119

174, 148, 119

186, 154, 119

Harmonies

Analogous

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

67, 101, 114

79, 98, 119

95, 94, 117

Triad

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

79, 98, 119

120, 88, 87

82, 101, 82

Complementary

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

79, 98, 119

119, 100, 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.

95, 98, 75

79, 98, 119

116, 91, 78

Square

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

79, 98, 119

118, 88, 99

108, 94, 73

70, 103, 93

Rectangle

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

79, 98, 119

104, 91, 113

108, 94, 73

86, 100, 79

Sweetspot

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

79, 98, 119

140, 147, 156

79, 119, 100

70, 74, 79

207, 207, 207

79, 79, 79

Same Dimension

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

79, 98, 119

93, 123, 156

80, 79, 119

53, 56, 59

0, 58, 122

0, 119, 250

Inverse Universe

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

119, 79, 98

156, 93, 123

118, 119, 79

59, 53, 56

122, 0, 58

250, 0, 119

Previews

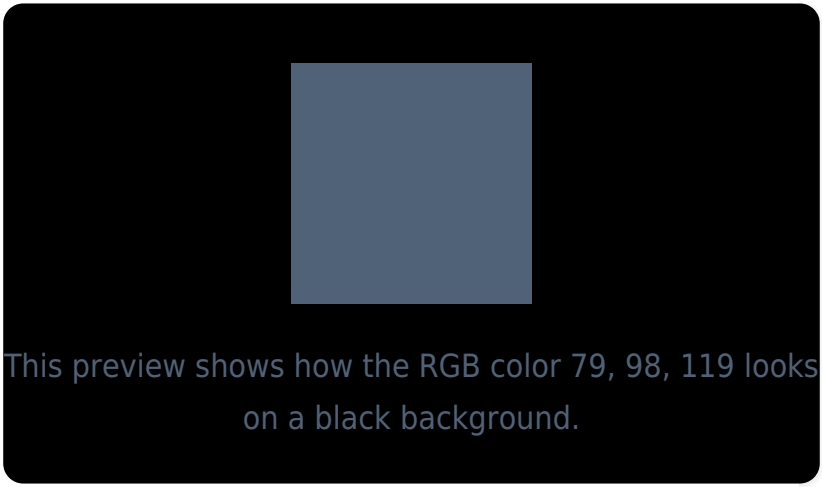
White Background

This preview shows how the RGB color 79, 98, 119 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



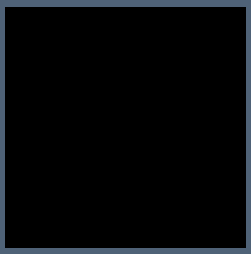
This preview shows how the RGB color 79, 98, 119 looks on a black background.

Color Contrast Check

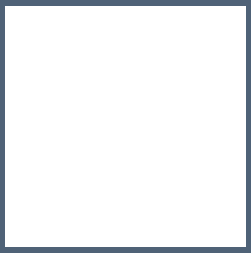
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 79, 98, 119 Background



This preview shows how black text looks on a background with the RGB color 79, 98, 119.



This preview shows how white text looks on a background with the RGB color 79, 98, 119.

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, 98, 119

Protanopia
91, 95, 117

Deuteranopia
93, 94, 120

Tritanopia
76, 100, 108

Trichromacy

Original Color
79, 98, 119

Protanomaly
87, 96, 118

Deuteranomaly
88, 95, 120

Tritanomaly
77, 99, 112

Monochromacy

Original Color
79, 98, 119

Achromatopsia
95, 95, 95

Achromatomaly
89, 96, 104

CSS Examples

Text

The CSS property to change the color of the text to RGB 79, 98, 119 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, 98, 119) looks like.

```
.text, #text, p{
    color:rgb(79, 98, 119)
}
```

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, 98, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 98, 119) }
```

Border

The CSS property to change the border of an element to RGB 79, 98, 119 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, 98, 119) }
```

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

```
.border{ border-color:rgb(79, 98, 119) }
```

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

Here you see how a box with a 4 pixel rgb(79, 98, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(79, 98, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(79, 98, 119); box-shadow:4px 4px 4px 4px rgb(79, 98, 119) }
```

Background

The CSS property to change the background color of an element to RGB 79, 98, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(79, 98, 119) }
```

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

```
.background{ background-color:rgb(79, 98,
119) }
```

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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