

Converting Colors

RGB(93, 119, 159)

Have a look what the booklet for
RGB(93, 119, 159) contains.

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Color

RGB(93, 119, 159)

Conversions

Conversions Part 1

Format	Color
Hex	5D779F
RGB	93, 119, 159
RGB Percent	36%, 47%, 62%
CMY	0.6353, 0.5333, 0.3765
CMYK	0.42, 0.25, 0.00, 0.38
HSL	216°, 26%, 49%
HSV	216°, 42%, 62%
XYZ	17.3690, 18.0240, 35.3644
YIQ	115.7860, -28.3360, 6.9280

Conversions

Conversions Part 2

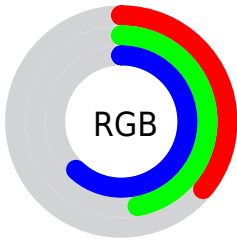
Format	Color
R _Y B	93, 112, 159
Decimal	6125471
CIE Lab	49.53, 1.30, -24.50
CIE LCh	50, 24.538, 273.038
Yxy	18.0240, 0.2455, 0.2547
Android (android.graphics.Color)	4284315551 (0xFF5D779F)
YUV	115.7860, 21.3045, -19.9833
Hunter-Lab	42.4547, -1.2679, -19.6698

Details

The RGB color **93, 119, 159** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **159, 133, 93**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **146, 171, 214**, and **42, 71, 107** is the 20% darker color. If you saturate the color by 10%, you get **77, 109, 159**, and if you desaturate by 10%, it is **109, 129, 159**.

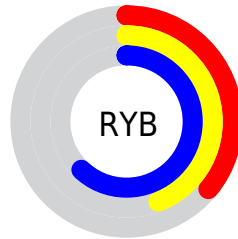
Distribution



Red (36%)

Green (47%)

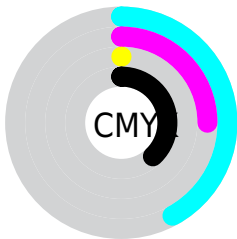
Blue (62%)



Red (36%)

Yellow (44%)

Blue (62%)

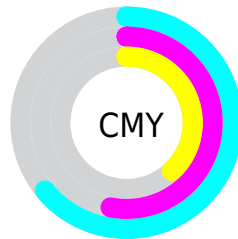


Cyan (42%)

Magenta (25%)

Yellow (0%)

Black (38%)



Cyan (64%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 93, 119, 159 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 93, 119, 159 by changing the saturation by 10% instead.

■ 93, 119, 159

255, 255, 255

■ 146, 171, 214

■ 173, 198, 242

■ 201, 226, 255

■ 230, 255, 255

■ 93, 119, 159

■ 67, 94, 133

■ 42, 71, 107

■ 12, 49, 83

■ 0, 28, 60

■ 0, 3, 38

■ 0, 1, 15

■ 0, 0, 0

■ 93, 119, 159

■ 77, 109, 159

■ 93, 119, 159

■ 109, 129, 159

61, 100, 159

125, 138, 159

45, 90, 159

141, 148, 159

29, 80, 159

157, 158, 159

13, 71, 159

172, 167, 159

0, 63, 159

188, 177, 159

204, 186, 159

220, 196, 159

236, 206, 159

Harmonies

Analogous

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



62, 125, 154



93, 119, 159



123, 112, 153

Triad

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



93, 119, 159



158, 104, 96



83, 127, 98

Complementary

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



93, 119, 159



159, 133, 93

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.



108, 123, 82



93, 119, 159



148, 110, 81

Square

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



93, 119, 159



158, 102, 116



130, 117, 76



60, 129, 119

Rectangle

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



93, 119, 159



140, 107, 143



130, 117, 76



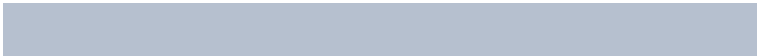
92, 126, 92

Sweetspot

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



93, 119, 159



182, 192, 207



93, 159, 133



90, 96, 105



232, 232, 232



105, 105, 105

Same Dimension

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



93, 119, 159



103, 144, 207



100, 93, 159



71, 74, 79



0, 56, 143



0, 6, 15

Inverse Universe

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



159, 93, 119



207, 103, 144



152, 159, 93



79, 71, 74



143, 0, 56



15, 0, 6

Previews

White Background



This preview shows how the RGB color 93, 119, 159 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 93, 119, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

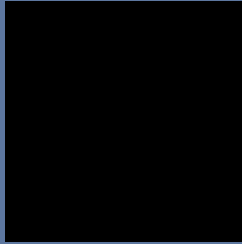
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

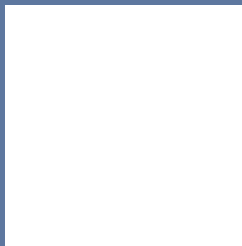
Any Text WCAG AAA × Fail

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

RGB 93, 119, 159 Background



This preview shows how black text looks on a background with the RGB color 93, 119, 159.

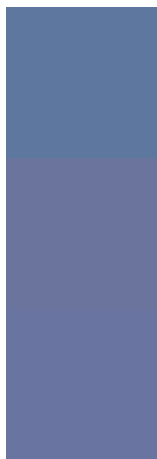


This preview shows how white text looks on a background with the RGB color 93, 119, 159.

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

93, 119, 159

Protanopia

106, 116, 157

Deuteranopia

105, 116, 160



Tritanopia
86, 124, 134

Trichromacy



Original Color

93, 119, 159

Protanomaly

101, 117, 158

Deuteranomaly

101, 117, 160

Tritanomaly

89, 122, 143

Monochromacy



Original Color

93, 119, 159

Achromatopsia

116, 116, 116

Achromatomaly

108, 117, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 119, 159 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(93, 119, 159)` looks like.

```
.text, #text, p{  
    color:rgb(93, 119, 159)  
}
```

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(93, 119, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 119, 159) }
```

Border

The CSS property to change the border of an element to RGB 93, 119, 159 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(93, 119, 159) }
```

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

```
.border{ border-color:rgb(93, 119, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 119, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 119, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 119, 159);  
box-shadow:4px 4px 4px 4px rgb(93, 119,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 93, 119, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 119, 159) }
```

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

```
.background{ background-color: rgb(93, 119,  
159) }
```

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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