

Converting Colors

RGB(94, 129, 163)

Have a look what the booklet for
RGB(94, 129, 163) contains.

RGB(94, 129, 163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(94, 129, 163)

Conversions

Conversions Part 1

Format	Color
Hex	5E81A3
RGB	94, 129, 163
RGB Percent	37%, 51%, 64%
CMY	0.6314, 0.4941, 0.3608
CMYK	0.42, 0.21, 0.00, 0.36
HSL	210°, 27%, 50%
HSV	210°, 42%, 64%
XYZ	19.0772, 20.7245, 37.6451
YIQ	122.4110, -31.7740, 3.1540

Conversions

Conversions Part 2

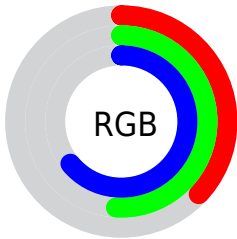
Format	Color
RYP	94, 117, 163
Decimal	6193571
CIELab	52.65, -3.14, -22.02
CIElCh	53, 22.238, 261.878
Yxy	20.7245, 0.2463, 0.2676
Android (android.graphics.Color)	4284383651 (0xFF5E81A3)
YUV	122.4110, 20.0104, -24.9164
Hunter-Lab	45.5242, -4.8658, -17.1614

Details

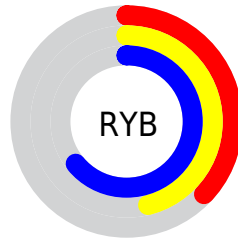
The RGB color **94, 129, 163** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **163, 128, 94**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **147, 182, 218**, and **42, 80, 111** is the 20% darker color. If you saturate the color by 10%, you get **78, 121, 163**, and if you desaturate by 10%, it is **110, 137, 163**.

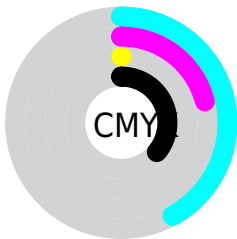
Distribution



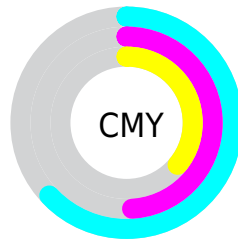
- Red (37%)
- Green (51%)
- Blue (64%)



- Red (37%)
- Yellow (46%)
- Blue (64%)



- Cyan (42%)
- Magenta (21%)
- Yellow (0%)
- Black (36%)



- Cyan (63%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 94, 129, 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 94, 129, 163 by changing the saturation by 10% instead.

■ 94, 129, 163

255, 255, 255

■ 147, 182, 218

■ 175, 209, 247

■ 203, 238, 255

■ 231, 255, 255

■ 94, 129, 163

■ 68, 104, 137

■ 42, 80, 111

■ 11, 57, 87

■ 0, 36, 63

■ 0, 14, 41

■ 0, 1, 20

■ 0, 0, 0

■ 94, 129, 163

■ 78, 121, 163

■ 94, 129, 163

■ 110, 137, 163

■ 61, 113, 163

■ 127, 145, 163

■ 45, 105, 163

■ 143, 153, 163

■ 29, 97, 163

■ 159, 161, 163

■ 13, 89, 163

■ 176, 169, 163

■ 0, 83, 163

■ 192, 177, 163

■ 208, 185, 163

■ 224, 193, 163

■ 241, 201, 163

Harmonies

Analogous

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



72, 134, 155



94, 129, 163



121, 123, 161

Triad

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



94, 129, 163



164, 112, 112



103, 133, 102

Complementary

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



94, 129, 163



163, 128, 94

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.



125, 129, 90



94, 129, 163



158, 116, 96

Square

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



94, 129, 163



160, 112, 132



144, 123, 88



82, 136, 120

Rectangle

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



94, 129, 163



138, 118, 154



144, 123, 88



110, 132, 97

Sweetspot

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



94, 129, 163



184, 198, 212



94, 163, 127



90, 99, 107



235, 235, 235



107, 107, 107

Same Dimension

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



94, 129, 163



104, 158, 212



94, 95, 163



73, 78, 82



0, 74, 145



0, 9, 18

Inverse Universe

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



163, 94, 129



212, 104, 158



163, 162, 94



82, 73, 78



145, 0, 74



18, 0, 9

Previews

White Background



This preview shows how the RGB color 94, 129, 163 looks on a white background.

Color Contrast Check

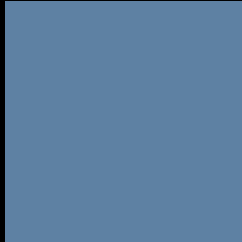
Large Text (above 18pt) WCAG AA ✓ Pass

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 94, 129, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

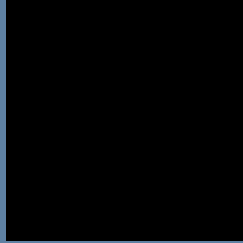
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

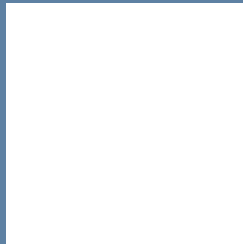
Any Text WCAG AAA × Fail

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

RGB 94, 129, 163 Background



This preview shows how black text looks on a background with the RGB color 94, 129, 163.

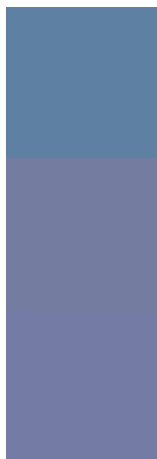


This preview shows how white text looks on a background with the RGB color 94, 129, 163.

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

94, 129, 163

Protanopia

116, 124, 159

Deuteranopia

116, 123, 164



Tritanopia
89, 133, 143

Trichromacy



Original Color

94, 129, 163

Protanomaly

108, 126, 160

Deuteranomaly

108, 125, 164

Tritanomaly

91, 132, 150

Monochromacy



Original Color

94, 129, 163

Achromatopsia

122, 122, 122

Achromatomaly

112, 125, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 94, 129, 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(94, 129, 163)` looks like.

```
.text, #text, p{  
    color:rgb(94, 129, 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(94, 129, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 129, 163) }
```

Border

The CSS property to change the border of an element to RGB 94, 129, 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(94, 129, 163) }
```

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

```
.border{ border-color:rgb(94, 129, 163) }
```

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

Here you see how a box with a 4 pixel rgb(94, 129, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 129, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 129, 163);  
box-shadow:4px 4px 4px 4px rgb(94, 129,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 94, 129, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 129, 163) }
```

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

```
.background{ background-color: rgb(94, 129,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor