

Converting Colors

RGB(74, 159, 193)

Have a look what the booklet for
RGB(74, 159, 193) contains.

RGB(74, 159, 193)	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(74, 159, 193)

Conversions

Conversions Part 1

Format	Color
Hex	4A9FC1
RGB	74, 159, 193
RGB Percent	29%, 62%, 76%
CMY	0.7098, 0.3765, 0.2431
CMYK	0.62, 0.18, 0.00, 0.24
HSL	197°, 49%, 52%
HSV	197°, 62%, 76%
XYZ	24.8478, 30.1024, 54.9528
YIQ	137.4610, -61.5740, -7.4460

Conversions

Conversions Part 2

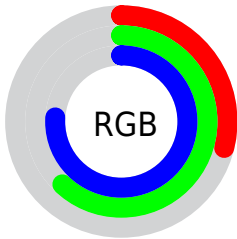
Format	Color
R_{YB}	74, 124, 193
Decimal	4890561
CIE _{Lab}	61.74, -15.39, -25.20
CIE _{LCh}	62, 29.525, 238.585
Yxy	30.1024, 0.2261, 0.2739
Android (android.graphics.Color)	4283080641 (0xFF4A9FC1)
YUV	137.4610, 27.3807, -55.6553
Hunter-Lab	54.8656, -15.1749, -20.9783

Details

The RGB color **74, 159, 193** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **193, 108, 74**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **133, 214, 250**, and **0, 108, 139** is the 20% darker color. If you saturate the color by 10%, you get **55, 153, 193**, and if you desaturate by 10%, it is **93, 165, 193**.

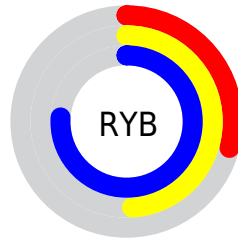
Distribution



Red (29%)

Green (62%)

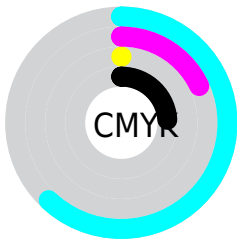
Blue (76%)



Red (29%)

Yellow (49%)

Blue (76%)

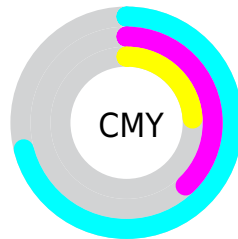


Cyan (62%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (71%)


Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 74, 159, 193 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 74, 159, 193 by changing the saturation by 10% instead.

 74, 159, 193

255, 255, 255


 133, 214, 250


 162, 242, 255

 191, 255, 255

 221, 255, 255

 251, 255, 255

 74, 159, 193

 40, 133, 166


 0, 108, 139

 0, 83, 114


 0, 60, 89


 0, 38, 66

 0, 15, 43

 0, 1, 22

 0, 0, 0

 74, 159, 193

 74, 159, 193

■ 55, 153, 193

■ 93, 165, 193

■ 35, 148, 193

■ 113, 170, 193

■ 16, 142, 193

■ 132, 176, 193

■ 0, 138, 193

■ 151, 181, 193

■ 171, 187, 193

■ 190, 192, 193

■ 209, 198, 193

■ 228, 203, 193

■ 248, 209, 193

Harmonies

Analogous

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



60, 163, 173



74, 159, 193



112, 152, 201

Triad

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



74, 159, 193



198, 130, 151



141, 155, 103

Complementary

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



74, 159, 193



193, 108, 74

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.



168, 147, 97



74, 159, 193



200, 131, 125

Square

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



74, 159, 193



181, 134, 177



189, 138, 105



110, 161, 121

Rectangle

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



74, 159, 193



138, 146, 198



189, 138, 105



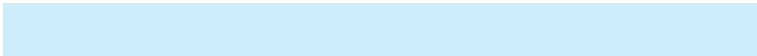
151, 153, 99

Sweetspot

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



74, 159, 193



205, 237, 250



74, 193, 108



97, 117, 125



252, 252, 252



125, 125, 125

Same Dimension

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



74, 159, 193



65, 197, 250



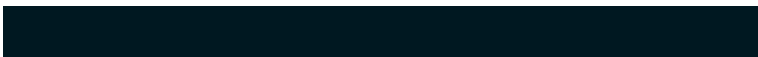
74, 100, 193



87, 94, 97



0, 115, 161



0, 24, 33

Inverse Universe

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



193, 74, 159



250, 65, 197



193, 167, 74



97, 87, 94



161, 0, 115



33, 0, 24

Previews

White Background



This preview shows how the RGB color 74, 159, 193 looks on a white background.

Color Contrast Check

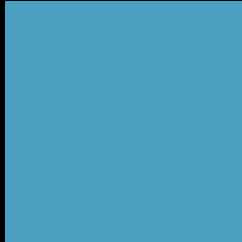
Large Text (above 18pt) WCAG AA × Fail

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 74, 159, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

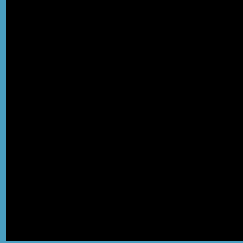
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 74, 159, 193 Background



This preview shows how black text looks on a background with the RGB color 74, 159, 193.

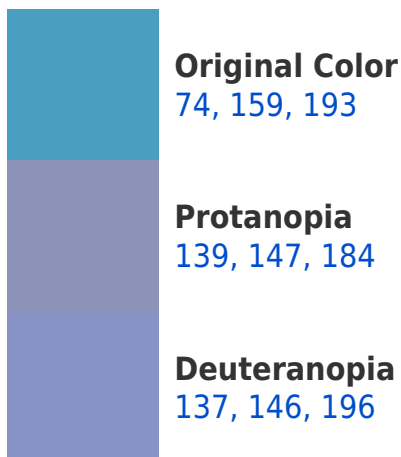


This preview shows how white text looks on a background with the RGB color 74, 159, 193.

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
66, 162, 175

Trichromacy



Original Color

74, 159, 193

Protanomaly

115, 151, 187

Deuteranomaly

114, 151, 195

Tritanomaly

69, 161, 182

Monochromacy



Original Color

74, 159, 193

Achromatopsia

137, 137, 137

Achromatomaly

114, 145, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 159, 193 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(74, 159, 193)` looks like.

```
.text, #text, p{  
    color:rgb(74, 159, 193)  
}
```

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(74, 159, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 159, 193) }
```

Border

The CSS property to change the border of an element to RGB 74, 159, 193 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(74, 159, 193) }
```

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

```
.border{ border-color:rgb(74, 159, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 159, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 159, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 159, 193);  
box-shadow:4px 4px 4px 4px rgb(74, 159,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 74, 159, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 159, 193) }
```

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

```
.background{ background-color: rgb(74, 159,  
193) }
```

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