

Converting Colors

RGB(78, 161, 193)

Have a look what the booklet for
RGB(78, 161, 193) contains.

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Color

RGB(78, 161, 193)

Conversions

Conversions Part 1

Format	Color
Hex	4EA1C1
RGB	78, 161, 193
RGB Percent	31%, 63%, 76%
CMY	0.6941, 0.3686, 0.2431
CMYK	0.60, 0.17, 0.00, 0.24
HSL	197°, 48%, 53%
HSV	197°, 60%, 76%
XYZ	25.5124, 30.9597, 55.0832
YIQ	139.8310, -59.7400, -7.6440

Conversions

Conversions Part 2

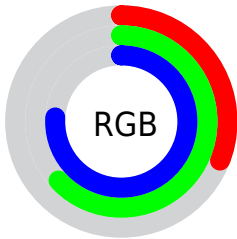
Format	Color
RYB	78, 126, 193
Decimal	5153217
CIELab	62.47, -15.72, -24.06
CIELCh	62, 28.739, 236.851
Yxy	30.9597, 0.2287, 0.2775
Android (android.graphics.Color)	4283343297 (0xFF4EA1C1)
YUV	139.8310, 26.2123, -54.2258
Hunter-Lab	55.6414, -15.5277, -19.7462

Details

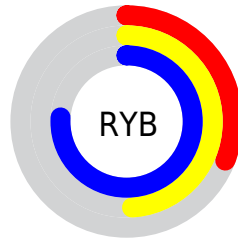
The RGB color **78, 161, 193** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **193, 110, 78**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **136, 216, 250**, and **0, 109, 139** is the 20% darker color. If you saturate the color by 10%, you get **59, 156, 193**, and if you desaturate by 10%, it is **97, 166, 193**.

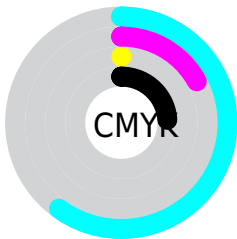
Distribution



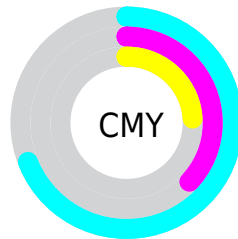
- Red (31%)
- Green (63%)
- Blue (76%)



- Red (31%)
- Yellow (49%)
- Blue (76%)



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)





















- Cyan (69%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 78, 161, 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 78, 161, 193 by changing the saturation by 10% instead.

 78, 161, 193	 78, 161, 193
 255, 255, 255	 45, 135, 166
 136, 216, 250	 0, 109, 139
 165, 244, 255	 0, 85, 114
 194, 255, 255	 0, 62, 89
 224, 255, 255	 0, 40, 66
 254, 255, 255	 0, 18, 43
	 0, 1, 22
	 0, 0, 0
 78, 161, 193	 78, 161, 193

■ 59, 156, 193

■ 97, 166, 193

■ 39, 150, 193

■ 117, 172, 193

■ 20, 145, 193

■ 136, 177, 193

■ 1, 140, 193

■ 155, 182, 193

■ 0, 139, 193

■ 175, 188, 193

■ 194, 193, 193

■ 213, 199, 193

■ 232, 204, 193

■ 252, 209, 193

Harmonies

Analogous

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



67, 165, 173



78, 161, 193



113, 154, 202

Triad

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



78, 161, 193



198, 132, 155



145, 156, 105

Complementary

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



78, 161, 193



193, 110, 78

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.



171, 149, 100



78, 161, 193



201, 133, 129

Square

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



78, 161, 193



181, 137, 179



191, 140, 109



115, 162, 122

Rectangle

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



78, 161, 193



139, 149, 200



191, 140, 109



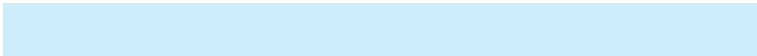
154, 154, 102

Sweetspot

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



78, 161, 193



205, 237, 250



78, 193, 109



97, 117, 125



252, 252, 252



125, 125, 125

Same Dimension

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



78, 161, 193



70, 200, 250



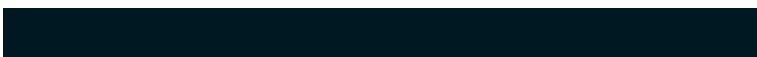
78, 105, 193



87, 94, 97



0, 116, 161



0, 24, 33

Inverse Universe

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



193, 78, 161



250, 70, 200



193, 166, 78



97, 87, 94



161, 0, 116



33, 0, 24

Previews

White Background



This preview shows how the RGB color 78, 161, 193 looks on a white background.

Color Contrast Check

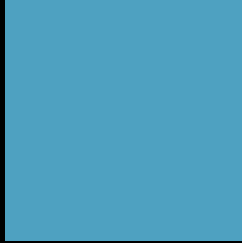
Large Text (above 18pt) WCAG AA × Fail

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 78, 161, 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 78, 161, 193 Background



This preview shows how black text looks on a background with the RGB color 78, 161, 193.

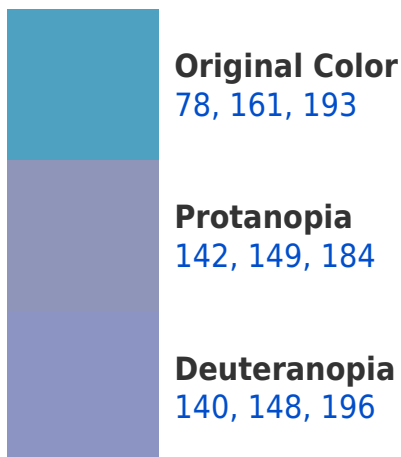


This preview shows how white text looks on a background with the RGB color 78, 161, 193.

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
71, 164, 177

Trichromacy



Original Color
78, 161, 193

Protanomaly
119, 153, 187

Deuteranomaly
117, 153, 195

Tritanomaly
74, 163, 183

Monochromacy



Original Color
78, 161, 193

Achromatopsia
140, 140, 140

Achromatomaly
117, 148, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 78, 161, 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(78, 161, 193)` looks like.

```
.text, #text, p{  
    color:rgb(78, 161, 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(78, 161, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 161, 193) }
```

Border

The CSS property to change the border of an element to RGB 78, 161, 193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

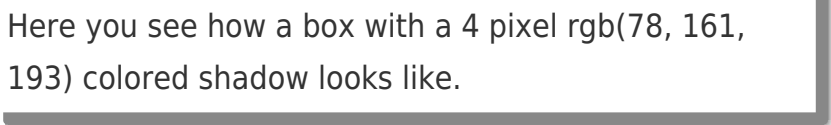
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 161, 193) }
```

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

```
.border{ border-color:rgb(78, 161, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(78, 161, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(78, 161, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(78, 161, 193); box-shadow:4px 4px 4px 4px rgb(78, 161, 193) }
```

Background

The CSS property to change the background color of an element to RGB 78, 161, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 161, 193) }
```

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

```
.background{ background-color: rgb(78, 161,  
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](#).

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