

Converting Colors

RGB(78, 193, 217)

Have a look what the booklet for
RGB(78, 193, 217) contains.

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Color

RGB(78, 193, 217)

Conversions

Conversions Part 1

Format	Color
Hex	4EC1D9
RGB	78, 193, 217
RGB Percent	31%, 76%, 85%
CMY	0.6941, 0.2431, 0.1490
CMYK	0.64, 0.11, 0.00, 0.15
HSL	190°, 65%, 58%
HSV	190°, 64%, 85%
XYZ	34.7362, 44.7694, 72.4562
YIQ	161.3510, -76.2440, -16.9160

Conversions

Conversions Part 2

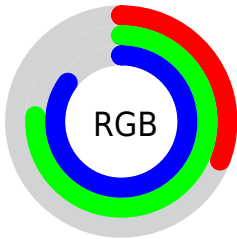
Format	Color
R _Y B	78, 141, 217
Decimal	5161433
CIE Lab	72.74, -25.02, -21.61
CIE LCh	73, 33.060, 220.818
Yxy	44.7694, 0.2286, 0.2946
Android (android.graphics.Color)	4283351513 (0xFF4EC1D9)
YUV	161.3510, 27.4350, -73.0988
Hunter-Lab	66.9099, -24.4242, -17.3677

Details

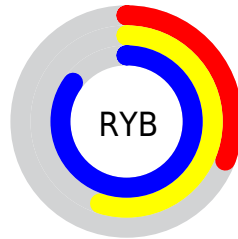
The RGB color **78, 193, 217** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **217, 102, 78**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **141, 250, 255**, and **0, 139, 162** is the 20% darker color. If you saturate the color by 10%, you get **56, 189, 217**, and if you desaturate by 10%, it is **100, 197, 217**.

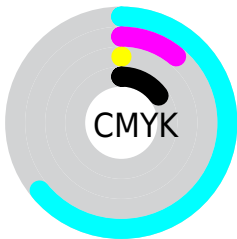
Distribution



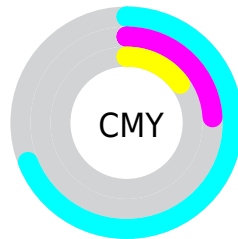
- Red (31%)
- Green (76%)
- Blue (85%)



- Red (31%)
- Yellow (55%)
- Blue (85%)



- Cyan (64%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



















- Cyan (69%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 78, 193, 217 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, 193, 217 by changing the saturation by 10% instead.

 78, 193, 217	 78, 193, 217
 255, 255, 255	 39, 166, 189
 141, 250, 255	 0, 139, 162
 171, 255, 255	 0, 113, 136
 201, 255, 255	 0, 89, 110
 231, 255, 255	 0, 65, 86
	 0, 42, 63
	 0, 19, 41
	 0, 1, 19
	 0, 0, 0

■ 78, 193, 217

■ 78, 193, 217

■ 56, 189, 217

■ 100, 197, 217

■ 35, 186, 217

■ 121, 200, 217

■ 13, 182, 217

■ 143, 204, 217

■ 0, 180, 217

■ 165, 208, 217

■ 187, 212, 217

■ 208, 215, 217

■ 230, 219, 217

■ 252, 223, 217

■ 255, 227, 217

Harmonies

Analogous

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



87, 195, 189



78, 193, 217



109, 187, 235

Triad

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



78, 193, 217



226, 158, 199



189, 180, 119

Complementary

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



78, 193, 217



217, 102, 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.



216, 170, 122



78, 193, 217



238, 156, 168

Square

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



78, 193, 217



196, 167, 224



234, 161, 140



155, 188, 132

Rectangle

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



78, 193, 217



139, 181, 238



234, 161, 140



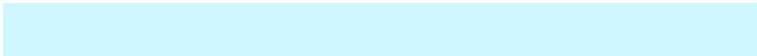
199, 177, 118

Sweetspot

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



78, 193, 217



207, 247, 255



78, 217, 101



98, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



78, 193, 217



59, 221, 255



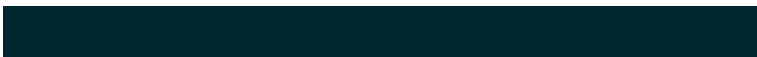
78, 124, 217



99, 108, 110



0, 143, 173



0, 38, 46

Inverse Universe

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



217, 78, 193



255, 59, 221



217, 171, 78



110, 99, 108



173, 0, 143



46, 0, 38

Previews

White Background



This preview shows how the RGB color 78, 193, 217 looks on a white background.

Color Contrast Check

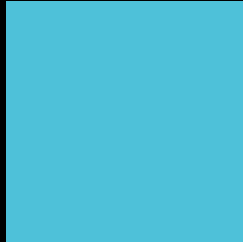
Large Text (above 18pt) WCAG AA × Fail

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, 193, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

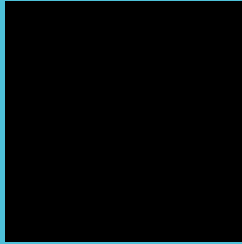
Any Text WCAG AA ✓ Pass

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, 193, 217 Background



This preview shows how black text looks on a background with the RGB color 78, 193, 217.

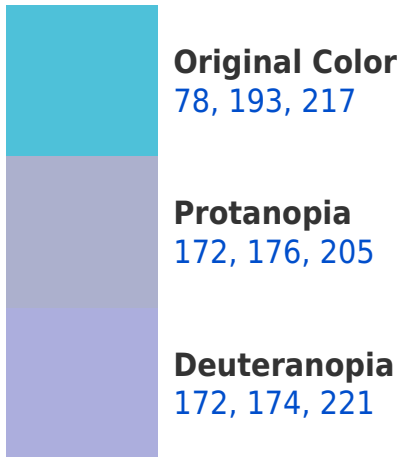


This preview shows how white text looks on a background with the RGB color 78, 193, 217.

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
74, 194, 210

Trichromacy



Original Color

78, 193, 217



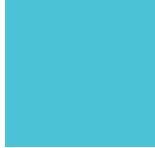
Protanomaly

138, 182, 209



Deuteranomaly

138, 181, 220



Tritanomaly

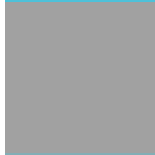
75, 194, 213

Monochromacy



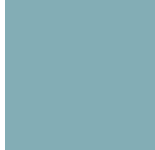
Original Color

78, 193, 217



Achromatopsia

161, 161, 161



Achromatomaly

131, 173, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 78, 193, 217 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, 193, 217)` looks like.

```
.text, #text, p{  
    color:rgb(78, 193, 217)  
}
```

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, 193, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 193, 217) }
```

Border

The CSS property to change the border of an element to RGB 78, 193, 217 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, 193, 217) }
```

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

```
.border{ border-color:rgb(78, 193, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 193, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 193, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 193, 217);  
box-shadow:4px 4px 4px 4px rgb(78, 193,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 78, 193, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 193, 217) }
```

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

```
.background{ background-color: rgb(78, 193,  
217) }
```

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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