

Converting Colors

RGB(78, 170, 170)

Have a look what the booklet for
RGB(78, 170, 170) contains.

RGB(78, 170, 170)	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(78, 170, 170)

Conversions

Conversions Part 1

Format	Color
Hex	4EAAAA
RGB	78, 170, 170
RGB Percent	31%, 67%, 67%
CMY	0.6941, 0.3333, 0.3333
CMYK	0.54, 0.00, 0.00, 0.33
HSL	180°, 37%, 49%
HSV	180°, 54%, 67%
XYZ	24.7723, 33.2714, 43.1466
YIQ	142.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

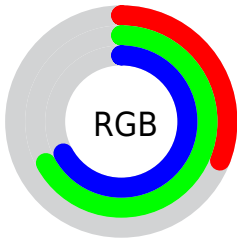
Format	Color
RYB	78, 124, 170
Decimal	5155498
CIELab	64.38, -27.08, -8.31
CIELCh	64, 28.330, 197.068
Yxy	33.2714, 0.2448, 0.3288
Android (android.graphics.Color)	4283345578 (0xFF4EAAAA)
YUV	142.4920, 13.5614, -56.5595
Hunter-Lab	57.6814, -24.2824, -3.9729

Details

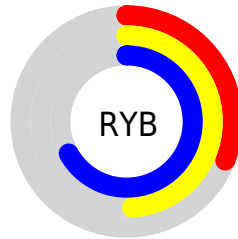
The RGB color **78, 170, 170** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **170, 78, 78**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **135, 226, 225**, and **0, 117, 118** is the 20% darker color. If you saturate the color by 10%, you get **61, 170, 170**, and if you desaturate by 10%, it is **95, 170, 170**.

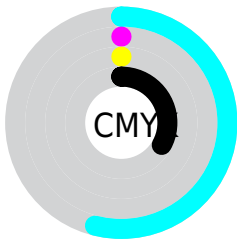
Distribution



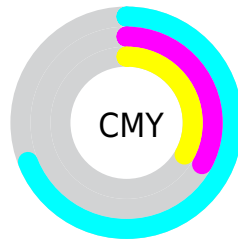
- Red (31%)
- Green (67%)
- Blue (67%)



- Red (31%)
- Yellow (49%)
- Blue (67%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)




- Cyan (69%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 78, 170, 170 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, 170, 170 by changing the saturation by 10% instead.

 78, 170, 170

255, 255, 255


 135, 226, 225


 164, 254, 254


 193, 255, 255


 222, 255, 255

 251, 255, 255

 78, 170, 170

 47, 143, 144

 0, 117, 118


 0, 92, 93


 0, 68, 70


 0, 45, 47


 0, 25, 27

 0, 0, 0

 78, 170, 170

 61, 170, 170

 78, 170, 170

 95, 170, 170

■ 44, 170, 170

■ 112, 170, 170

■ 27, 170, 170

■ 129, 170, 170

■ 10, 170, 170

■ 146, 170, 170

■ 0, 170, 170

■ 163, 170, 170

■ 180, 170, 170

■ 197, 170, 170

■ 214, 170, 170

■ 231, 170, 170

Harmonies

Analogous

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



101, 169, 144



78, 170, 170



78, 167, 192

Triad

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



78, 170, 170



177, 145, 191



184, 151, 107

Complementary

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



78, 170, 170



170, 78, 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.



201, 143, 120



78, 170, 170



199, 138, 168

Square

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



78, 170, 170



144, 153, 204



207, 138, 142



159, 159, 107

Rectangle

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



78, 170, 170



95, 164, 202



207, 138, 142



190, 148, 110

Sweetspot

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



78, 170, 170



186, 222, 222



78, 170, 78



91, 112, 112



240, 240, 240



112, 112, 112

Same Dimension

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



78, 170, 170



78, 222, 222



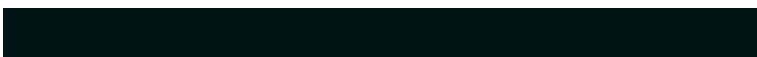
78, 124, 170



76, 84, 84



0, 148, 148



0, 20, 20

Inverse Universe

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



170, 78, 170



222, 78, 222



170, 124, 78



84, 76, 84



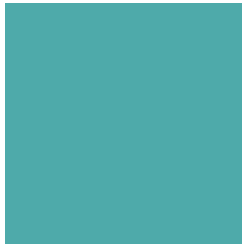
148, 0, 148



20, 0, 20

Previews

White Background



This preview shows how the RGB color 78, 170, 170 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, 170, 170 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, 170, 170 Background



This preview shows how black text looks on a background with the RGB color 78, 170, 170.

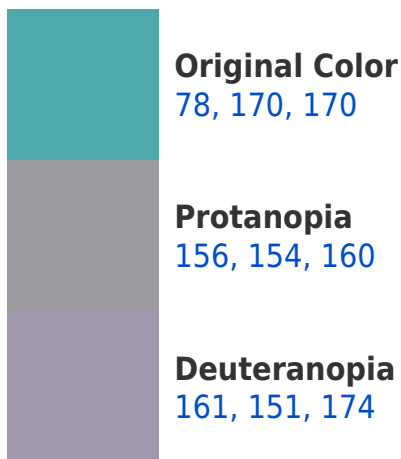


This preview shows how white text looks on a background with the RGB color 78, 170, 170.

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





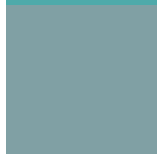
Tritanopia
82, 168, 182

Trichromacy



Original Color

78, 170, 170



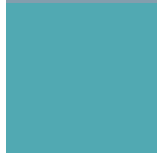
Protanomaly

128, 160, 164



Deuteranomaly

131, 158, 173



Tritanomaly

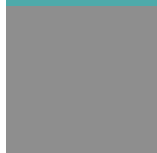
81, 169, 178

Monochromacy



Original Color

78, 170, 170



Achromatopsia

142, 142, 142



Achromatomaly

119, 152, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 78, 170, 170 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, 170, 170)` looks like.

```
.text, #text, p{  
    color:rgb(78, 170, 170)  
}
```

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, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 170, 170) }
```

Border

The CSS property to change the border of an element to RGB 78, 170, 170 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, 170, 170) }
```

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

```
.border{ border-color:rgb(78, 170, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 170, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 170, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 170, 170);  
box-shadow:4px 4px 4px 4px rgb(78, 170,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 78, 170, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 170, 170) }
```

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

```
.background{ background-color: rgb(78, 170,  
170) }
```

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