

Converting Colors

RGB(78, 182, 160)

Have a look what the booklet for
RGB(78, 182, 160) contains.

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Color

RGB(78, 182, 160)

Conversions

Conversions Part 1

Format	Color
Hex	4EB6A0
RGB	78, 182, 160
RGB Percent	31%, 71%, 63%
CMY	0.6941, 0.2863, 0.3725
CMYK	0.57, 0.00, 0.12, 0.29
HSL	167°, 42%, 51%
HSV	167°, 57%, 71%
XYZ	26.2150, 37.6137, 39.1362
YIQ	148.3960, -54.9220, -28.8900

Conversions

Conversions Part 2

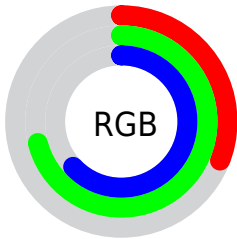
Format	Color
RYB	78, 136, 182
Decimal	5158560
CIELab	67.73, -35.46, 2.17
CIELCh	68, 35.525, 176.499
Yxy	37.6137, 0.2546, 0.3653
Android (android.graphics.Color)	4283348640 (0xFF4EB6A0)
YUV	148.3960, 5.7208, -61.7373
Hunter-Lab	61.3300, -31.0291, 5.0966

Details

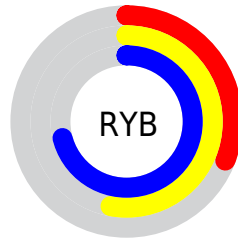
The RGB color **78, 182, 160** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **182, 78, 100**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **136, 238, 215**, and **0, 128, 109** is the 20% darker color. If you saturate the color by 10%, you get **60, 182, 156**, and if you desaturate by 10%, it is **96, 182, 164**.

Distribution



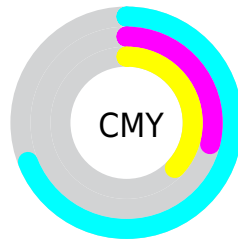
- Red (31%)
- Green (71%)
- Blue (63%)



- Red (31%)
- Yellow (53%)
- Blue (71%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (69%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 78, 182, 160 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, 182, 160 by changing the saturation by 10% instead.



78, 182, 160



78, 182, 160

255, 255, 255



46, 155, 134



136, 238, 215



0, 128, 109



165, 255, 243



0, 103, 84



194, 255, 255



0, 78, 61



223, 255, 255



0, 54, 40



253, 255, 255



0, 34, 19



0, 0, 0



78, 182, 160



78, 182, 160



60, 182, 156



96, 182, 164

■ 42, 182, 152

■ 114, 182, 168

■ 23, 182, 148

■ 133, 182, 172

■ 5, 182, 145

■ 151, 182, 175

■ 0, 182, 143

■ 169, 182, 179

■ 187, 182, 183

■ 205, 182, 187

■ 224, 182, 191

■ 242, 182, 195

Harmonies

Analogous

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



119, 179, 129



78, 182, 160



40, 182, 192

Triad

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



78, 182, 160



164, 158, 222



215, 151, 113

Complementary

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



78, 182, 160



182, 78, 100

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.



227, 142, 138



78, 182, 160



202, 147, 201

Square

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



78, 182, 160



113, 169, 228



224, 141, 170



190, 162, 101

Rectangle

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



78, 182, 160



45, 179, 210



224, 141, 170



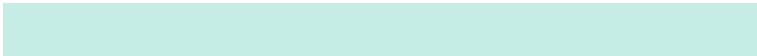
220, 147, 120

Sweetspot

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



78, 182, 160



197, 237, 229



101, 182, 78



96, 120, 115



247, 247, 247



120, 120, 120

Same Dimension

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



78, 182, 160



74, 237, 203



78, 153, 182



83, 92, 90



0, 156, 123



0, 28, 22

Inverse Universe

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



182, 78, 100



237, 74, 108



182, 107, 78



92, 83, 85



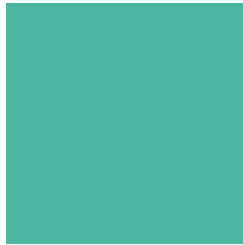
156, 0, 33



28, 0, 6

Previews

White Background



This preview shows how the RGB color 78, 182, 160 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, 182, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

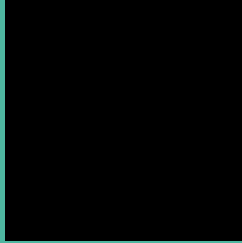
Any Text WCAG AA ✓ Pass

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, 182, 160 Background



This preview shows how black text looks on a background with the RGB color 78, 182, 160.

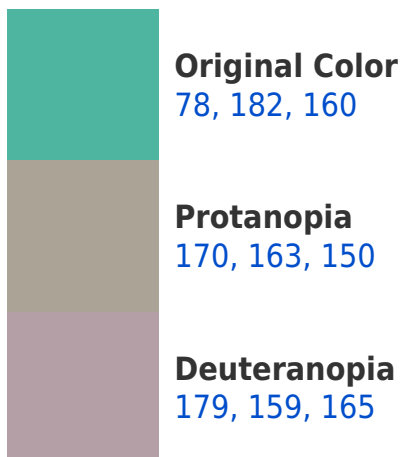


This preview shows how white text looks on a background with the RGB color 78, 182, 160.

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
89, 177, 192

Trichromacy



Original Color

78, 182, 160



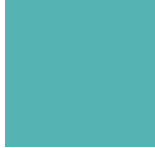
Protanomaly

137, 170, 154



Deuteranomaly

142, 167, 163



Tritanomaly

85, 179, 180

Monochromacy



Original Color

78, 182, 160



Achromatopsia

148, 148, 148



Achromatomaly

123, 160, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 78, 182, 160 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, 182, 160)` looks like.

```
.text, #text, p{  
    color:rgb(78, 182, 160)  
}
```

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, 182, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 182, 160) }
```

Border

The CSS property to change the border of an element to RGB 78, 182, 160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

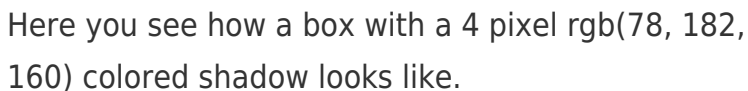
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 182, 160) }
```

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

```
.border{ border-color:rgb(78, 182, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(78, 182, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(78, 182, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(78, 182, 160); box-shadow:4px 4px 4px 4px rgb(78, 182, 160) }
```

Background

The CSS property to change the background color of an element to RGB 78, 182, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 182, 160) }
```

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

```
.background{ background-color: rgb(78, 182,  
160) }
```

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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