

Converting Colors

RGB(77, 185, 185)

Have a look what the booklet for
RGB(77, 185, 185) contains.

RGB(77, 185, 185)	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(77, 185, 185)

Conversions

Conversions Part 1

Format	Color
Hex	4DB9B9
RGB	77, 185, 185
RGB Percent	30%, 73%, 73%
CMY	0.6980, 0.2745, 0.2745
CMYK	0.58, 0.00, 0.00, 0.27
HSL	180°, 44%, 51%
HSV	180°, 58%, 73%
XYZ	29.1665, 39.7785, 52.0397
YIQ	152.7080, -64.3680, -22.8960

Conversions

Conversions Part 2

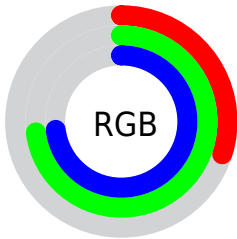
Format	Color
RYB	77, 131, 185
Decimal	5093817
CIELab	69.31, -30.47, -9.28
CIElCh	69, 31.854, 196.941
Yxy	39.7785, 0.2411, 0.3288
Android (android.graphics.Color)	4283283897 (0xFF4DB9B9)
YUV	152.7080, 15.9200, -66.3959
Hunter-Lab	63.0702, -27.8264, -4.7715

Details

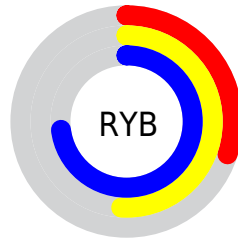
The RGB color **77, 185, 185** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **185, 77, 77**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **137, 241, 241**, and **0, 131, 132** is the 20% darker color. If you saturate the color by 10%, you get **58, 185, 185**, and if you desaturate by 10%, it is **96, 185, 185**.

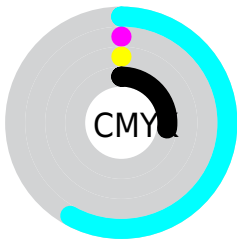
Distribution



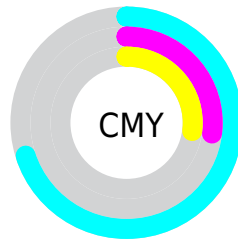
- Red (30%)
- Green (73%)
- Blue (73%)



- Red (30%)
- Yellow (51%)
- Blue (73%)



- Cyan (58%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)




- Cyan (70%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 77, 185, 185 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 77, 185, 185 by changing the saturation by 10% instead.

 77, 185, 185


255, 255, 255


 137, 241, 241

 166, 255, 255

 195, 255, 255


 225, 255, 255

 77, 185, 185


 43, 158, 158

 0, 131, 132

 0, 106, 107


 0, 81, 83


 0, 57, 60

 0, 36, 38

 0, 1, 18

 0, 0, 0

 77, 185, 185

 77, 185, 185

■ 58, 185, 185

■ 96, 185, 185

■ 40, 185, 185

■ 114, 185, 185

■ 21, 185, 185

■ 133, 185, 185

■ 3, 185, 185

■ 151, 185, 185

■ 0, 185, 185

■ 170, 185, 185

■ 188, 185, 185

■ 206, 185, 185

■ 225, 185, 185

■ 244, 185, 185

Harmonies

Analogous

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



106, 184, 155



77, 185, 185



77, 182, 210

Triad

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



77, 185, 185



193, 156, 209



201, 163, 113

Complementary

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



77, 185, 185



185, 77, 77

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.



220, 154, 128



77, 185, 185



218, 149, 183

Square

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



77, 185, 185



155, 166, 224



227, 148, 154



173, 173, 113

Rectangle

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



77, 185, 185



97, 178, 222



227, 148, 154



208, 160, 117

Sweetspot

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



77, 185, 185



197, 240, 240



77, 185, 77



93, 120, 120



247, 247, 247



120, 120, 120

Same Dimension

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



77, 185, 185



72, 240, 240



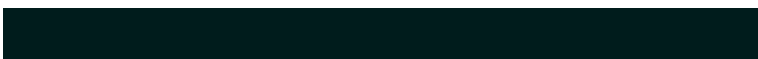
77, 131, 185



83, 92, 92



0, 156, 156



0, 28, 28

Inverse Universe

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



185, 77, 185



240, 72, 240



185, 131, 77



92, 83, 92



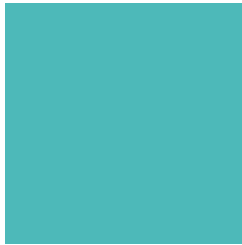
156, 0, 156



28, 0, 28

Previews

White Background



This preview shows how the RGB color 77, 185, 185 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 77, 185, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

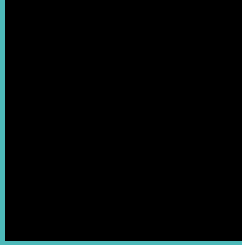
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

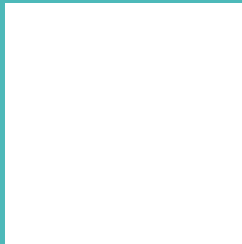
Any Text WCAG AAA ✓ Pass

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

RGB 77, 185, 185 Background



This preview shows how black text looks on a background with the RGB color 77, 185, 185.

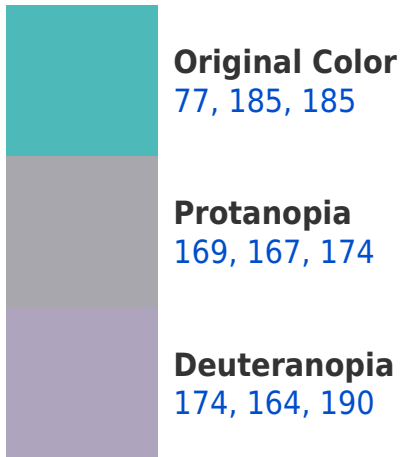


This preview shows how white text looks on a background with the RGB color 77, 185, 185.

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, 183, 198

Trichromacy



Original Color

77, 185, 185



Protanomaly

136, 174, 178



Deuteranomaly

139, 172, 188



Tritanomaly

80, 184, 193

Monochromacy



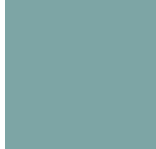
Original Color

77, 185, 185



Achromatopsia

153, 153, 153



Achromatomaly

125, 165, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 77, 185, 185 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(77, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(77, 185, 185)  
}
```

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(77, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 185, 185) }
```

Border

The CSS property to change the border of an element to RGB 77, 185, 185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

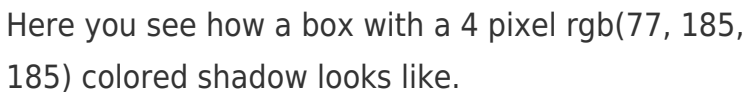
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(77, 185, 185) }
```

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

```
.border{ border-color:rgb(77, 185, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(77, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 185, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 185, 185); box-shadow:4px 4px 4px 4px rgb(77, 185, 185) }
```

Background

The CSS property to change the background color of an element to RGB 77, 185, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 185, 185) }
```

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

```
.background{ background-color: rgb(77, 185,  
185) }
```

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