

Converting Colors

RGB(77, 171, 149)

Have a look what the booklet for
RGB(77, 171, 149) contains.

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Color

RGB(77, 171, 149)

Conversions

Conversions Part 1

Format	Color
Hex	4DAB95
RGB	77, 171, 149
RGB Percent	30%, 67%, 58%
CMY	0.6980, 0.3294, 0.4157
CMYK	0.55, 0.00, 0.13, 0.33
HSL	166°, 38%, 49%
HSV	166°, 55%, 67%
XYZ	23.0483, 32.8735, 33.5642
YIQ	140.3860, -48.9620, -26.7700

Conversions

Conversions Part 2

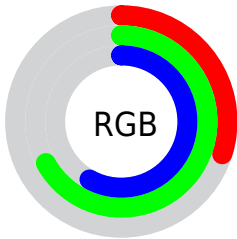
Format	Color
RYB	77, 130, 171
Decimal	5090197
CIELab	64.06, -33.28, 2.93
CIElCh	64, 33.412, 174.973
Yxy	32.8735, 0.2576, 0.3674
Android (android.graphics.Color)	4283280277 (0xFF4DAB95)
YUV	140.3860, 4.2467, -55.5895
Hunter-Lab	57.3354, -28.5817, 5.4264

Details

The RGB color **77, 171, 149** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **171, 77, 99**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **133, 227, 203**, and **1, 118, 98** is the 20% darker color. If you saturate the color by 10%, you get **60, 171, 145**, and if you desaturate by 10%, it is **94, 171, 153**.

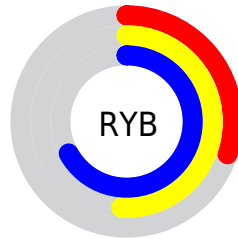
Distribution



Red (30%)

Green (67%)

Blue (58%)



Red (30%)

Yellow (51%)

Blue (67%)

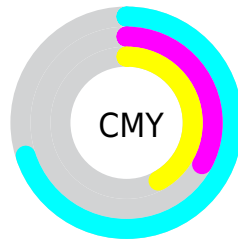


Cyan (55%)

Magenta (0%)

Yellow (13%)

Black (33%)



Cyan (70%)













Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 77, 171, 149 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, 171, 149 by changing the saturation by 10% instead.

 77, 171, 149	 77, 171, 149
 255, 255, 255	 47, 144, 123
 133, 227, 203	 1, 118, 98
 162, 255, 231	 0, 93, 75
 190, 255, 255	 0, 69, 52
 219, 255, 255	 0, 46, 31
 249, 255, 255	 0, 23, 7
	 0, 0, 0

 77, 171, 149	 77, 171, 149
 60, 171, 145	 94, 171, 153

■ 43, 171, 141

■ 111, 171, 157

■ 26, 171, 137

■ 128, 171, 161

■ 9, 171, 133

■ 145, 171, 165

■ 0, 171, 131

■ 162, 171, 169

■ 180, 171, 173

■ 197, 171, 177

■ 214, 171, 181

■ 231, 171, 185

Harmonies

Analogous

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



115, 168, 120



77, 171, 149



43, 171, 179

Triad

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



77, 171, 149



152, 149, 209



202, 141, 107

Complementary

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



77, 171, 149



171, 77, 99

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.



213, 134, 132



77, 171, 149



188, 139, 190

Square

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



77, 171, 149



105, 160, 214



209, 133, 161



180, 152, 96

Rectangle

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



77, 171, 149



45, 169, 196



209, 133, 161



208, 138, 114

Sweetspot

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



77, 171, 149



186, 222, 214



100, 171, 77



91, 112, 107



240, 240, 240



112, 112, 112

Same Dimension

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



77, 171, 149



75, 222, 188



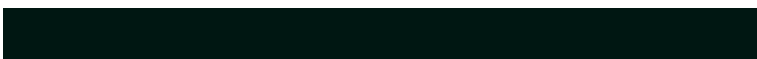
77, 147, 171



78, 87, 85



0, 150, 115



0, 23, 18

Inverse Universe

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



171, 77, 99



222, 75, 110



171, 100, 77



87, 78, 80



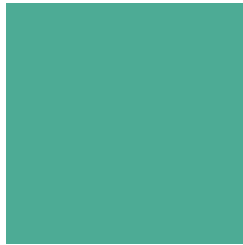
150, 0, 35



23, 0, 5

Previews

White Background



This preview shows how the RGB color 77, 171, 149 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, 171, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

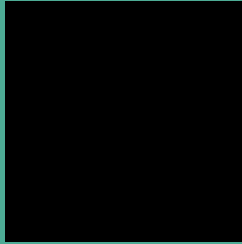
Any Text WCAG AA ✓ Pass

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, 171, 149 Background



This preview shows how black text looks on a background with the RGB color 77, 171, 149.

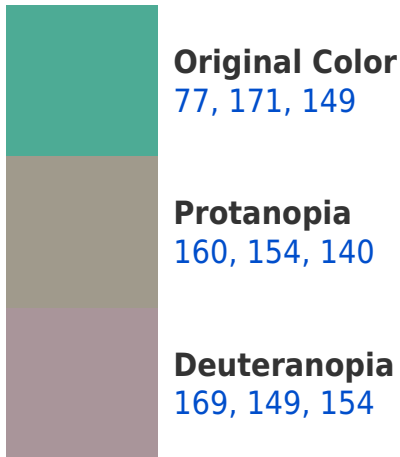


This preview shows how white text looks on a background with the RGB color 77, 171, 149.

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
87, 167, 180

Trichromacy



Original Color

77, 171, 149



Protanomaly

130, 160, 143



Deuteranomaly

136, 157, 152



Tritanomaly

83, 168, 169

Monochromacy



Original Color

77, 171, 149



Achromatopsia

140, 140, 140



Achromatomaly

117, 151, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 77, 171, 149 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, 171, 149)` looks like.

```
.text, #text, p{  
    color:rgb(77, 171, 149)  
}
```

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, 171, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 171, 149) }
```

Border

The CSS property to change the border of an element to RGB 77, 171, 149 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, 171, 149) }
```

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

```
.border{ border-color:rgb(77, 171, 149) }
```

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

Here you see how a box with a 4 pixel rgb(77, 171, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 171, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 171, 149);  
box-shadow:4px 4px 4px 4px rgb(77, 171,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 77, 171, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 171, 149) }
```

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

```
.background{ background-color: rgb(77, 171,  
149) }
```

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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