

Converting Colors

RGB(77, 164, 145)

Have a look what the booklet for
RGB(77, 164, 145) contains.

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Color

RGB(77, 164, 145)

Conversions

Conversions Part 1

Format	Color
Hex	4DA491
RGB	77, 164, 145
RGB Percent	30%, 64%, 57%
CMY	0.6980, 0.3569, 0.4314
CMYK	0.53, 0.00, 0.12, 0.36
HSL	167°, 36%, 47%
HSV	167°, 53%, 64%
XYZ	21.4469, 30.1730, 31.4817
YIQ	135.8210, -45.7530, -24.3530

Conversions

Conversions Part 2

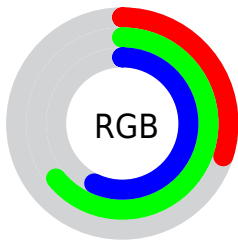
Format	Color
RYB	77, 126, 164
Decimal	5088401
CIELab	61.80, -30.96, 1.89
CIElCh	62, 31.016, 176.500
Yxy	30.1730, 0.2581, 0.3631
Android (android.graphics.Color)	4283278481 (0xFF4DA491)
YUV	135.8210, 4.5252, -51.5860
Hunter-Lab	54.9300, -26.4339, 4.4705

Details

The RGB color **77, 164, 145** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **164, 77, 96**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **132, 219, 199**, and **8, 112, 95** is the 20% darker color. If you saturate the color by 10%, you get **61, 164, 141**, and if you desaturate by 10%, it is **93, 164, 149**.

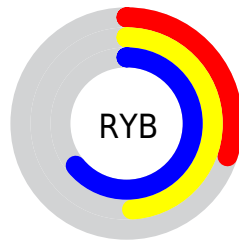
Distribution



Red (30%)

Green (64%)

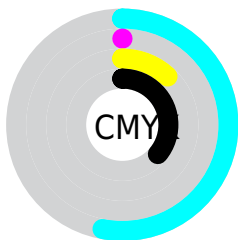
Blue (57%)



Red (30%)

Yellow (49%)

Blue (64%)

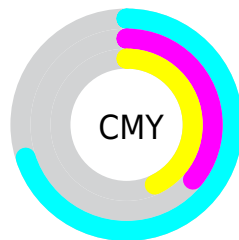


Cyan (53%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (70%)

Magenta (36%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 77, 164, 145 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, 164, 145 by changing the saturation by 10% instead.



77, 164, 145



77, 164, 145

255, 255, 255



48, 137, 119



132, 219, 199



8, 112, 95



160, 248, 227



0, 87, 71



189, 255, 255



0, 63, 49



218, 255, 255



0, 40, 28



247, 255, 255



0, 12, 2



0, 0, 0



77, 164, 145



77, 164, 145



61, 164, 141



93, 164, 149

■ 44, 164, 138

■ 110, 164, 152

■ 28, 164, 134

■ 126, 164, 156

■ 11, 164, 131

■ 143, 164, 159

■ 0, 164, 128

■ 159, 164, 163

■ 175, 164, 166

■ 192, 164, 170

■ 208, 164, 174

■ 225, 164, 177

Harmonies

Analogous

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



111, 161, 118



77, 164, 145



51, 164, 173

Triad

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



77, 164, 145



148, 143, 198



192, 137, 104

Complementary

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



77, 164, 145



164, 77, 96

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.



203, 130, 126



77, 164, 145



181, 134, 180

Square

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



77, 164, 145



106, 153, 204



200, 129, 154



171, 146, 94

Rectangle

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



77, 164, 145



55, 162, 188



200, 129, 154



197, 134, 111

Sweetspot

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



77, 164, 145



180, 214, 207



97, 164, 77



87, 107, 103



235, 235, 235



107, 107, 107

Same Dimension

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



77, 164, 145



77, 214, 184



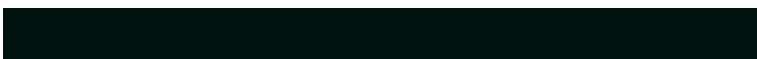
77, 141, 164



73, 82, 80



0, 145, 114



0, 18, 14

Inverse Universe

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



164, 77, 96



214, 77, 107



164, 100, 77



82, 73, 75



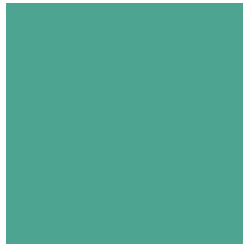
145, 0, 32



18, 0, 4

Previews

White Background



This preview shows how the RGB color 77, 164, 145 looks on a white background.

Color Contrast Check

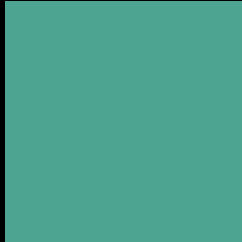
Large Text (above 18pt) WCAG AA × Fail

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, 164, 145 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, 164, 145 Background



This preview shows how black text looks on a background with the RGB color 77, 164, 145.

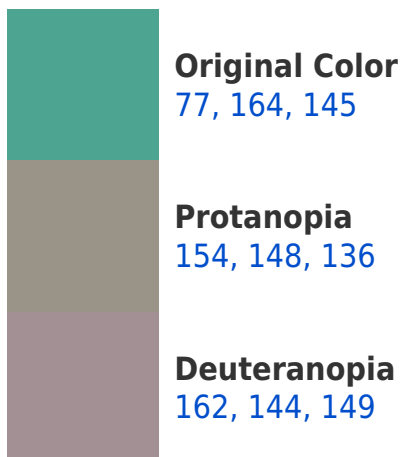


This preview shows how white text looks on a background with the RGB color 77, 164, 145.

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
86, 160, 173

Trichromacy



Original Color

77, 164, 145

Protanomaly

126, 154, 139

Deuteranomaly

131, 151, 148

Tritanomaly

83, 161, 163

Monochromacy



Original Color

77, 164, 145

Achromatopsia

136, 136, 136

Achromatomaly

115, 146, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 77, 164, 145 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, 164, 145)` looks like.

```
.text, #text, p{  
    color:rgb(77, 164, 145)  
}
```

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, 164, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 164, 145) }
```

Border

The CSS property to change the border of an element to RGB 77, 164, 145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

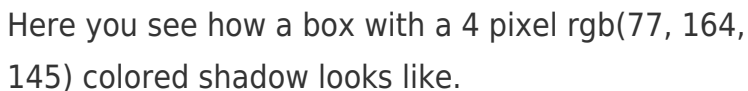
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(77, 164, 145) }
```

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

```
.border{ border-color:rgb(77, 164, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(77, 164, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 164, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 164, 145); box-shadow:4px 4px 4px 4px rgb(77, 164, 145) }
```

Background

The CSS property to change the background color of an element to RGB 77, 164, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 164, 145) }
```

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

```
.background{ background-color: rgb(77, 164,  
145) }
```

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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