

Converting Colors

RGB(17, 170, 142)

Have a look what the booklet for
RGB(17, 170, 142) contains.

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Color

RGB(17, 170, 142)

Conversions

Conversions Part 1

Format	Color
Hex	11AA8E
RGB	17, 170, 142
RGB Percent	7%, 67%, 56%
CMY	0.9333, 0.3333, 0.4431
CMYK	0.90, 0.00, 0.16, 0.33
HSL	169°, 82%, 37%
HSV	169°, 90%, 67%
XYZ	19.4884, 30.8216, 30.5132
YIQ	121.0610, -82.2000, -41.1440

Conversions

Conversions Part 2

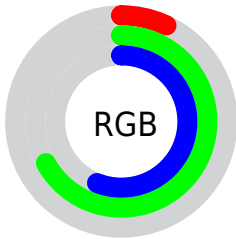
Format	Color
RYB	17, 101, 170
Decimal	1157774
CIELab	62.36, -42.91, 4.22
CIELCh	62, 43.114, 174.385
Yxy	30.8216, 0.2411, 0.3813
Android (android.graphics.Color)	4279347854 (0xFF11AA8E)
YUV	121.0610, 10.3229, -91.2615
Hunter-Lab	55.5172, -34.4957, 6.2753

Details

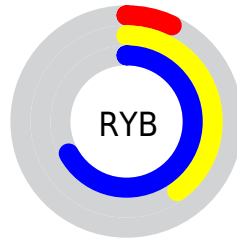
The RGB color **17, 170, 142** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **170, 17, 45**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **97, 226, 196**, and **0, 117, 92** is the 20% darker color. If you saturate the color by 10%, you get **0, 170, 139**, and if you desaturate by 10%, it is **34, 170, 145**.

Distribution



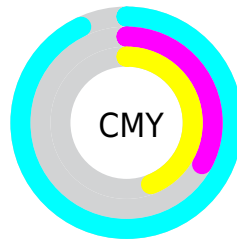
- Red (7%)
- Green (67%)
- Blue (56%)



- Red (7%)
- Yellow (40%)
- Blue (67%)



- Cyan (90%)
- Magenta (0%)
- Yellow (16%)
- Black (33%)



- Cyan (93%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RGB color 17, 170, 142 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 17, 170, 142 by changing the saturation by 10% instead.

 17, 170, 142  17, 170, 142

255, 255, 255  0, 143, 116

 97, 226, 196  0, 117, 92


 128, 255, 224  0, 91, 68

 157, 255, 252  0, 67, 46

 187, 255, 255  0, 44, 25

 217, 255, 255  0, 15, 0

 248, 255, 255  0, 0, 0

 17, 170, 142  17, 170, 142

 0, 170, 139  34, 170, 145

■ 51, 170, 148

■ 68, 170, 151

■ 85, 170, 154

■ 102, 170, 158

■ 119, 170, 161

■ 136, 170, 164

■ 153, 170, 167

■ 170, 170, 170

Harmonies

Analogous

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



97, 166, 105



17, 170, 142



0, 170, 181

Triad

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



17, 170, 142



143, 144, 220



209, 132, 90

Complementary

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



17, 170, 142



170, 17, 45

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.



223, 121, 121



17, 170, 142



191, 129, 196

Square

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



17, 170, 142



68, 157, 226



218, 120, 160



180, 146, 73

Rectangle

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



17, 170, 142



0, 168, 203



218, 120, 160



215, 128, 99

Sweetspot

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



17, 170, 142



162, 222, 211



45, 170, 17



76, 112, 106



240, 240, 240



112, 112, 112

Same Dimension

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



17, 170, 142



0, 222, 181



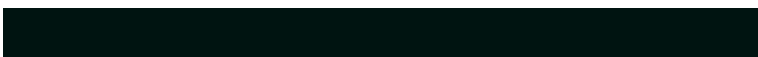
17, 122, 170



76, 84, 83



0, 148, 121



0, 20, 17

Inverse Universe

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



170, 17, 45



222, 0, 41



170, 65, 17



84, 76, 77



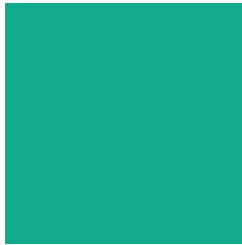
148, 0, 27



20, 0, 4

Previews

White Background



This preview shows how the RGB color 17, 170, 142 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 17, 170, 142 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 17, 170, 142 Background



This preview shows how black text looks on a background with the RGB color 17, 170, 142.

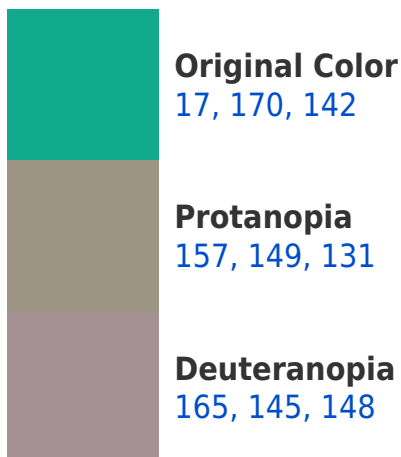


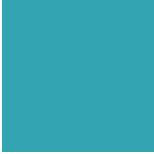
This preview shows how white text looks on a background with the RGB color 17, 170, 142.

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
51, 165, 178

Trichromacy



Original Color

17, 170, 142



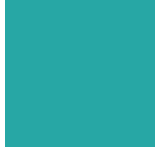
Protanomaly

106, 157, 135



Deuteranomaly

111, 154, 146



Tritanomaly

39, 167, 165

Monochromacy



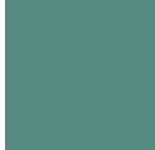
Original Color

17, 170, 142



Achromatopsia

121, 121, 121



Achromatomaly

83, 139, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 17, 170, 142 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(17, 170, 142)` looks like.

```
.text, #text, p{  
    color:rgb(17, 170, 142)  
}
```

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(17, 170, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 170, 142) }
```

Border

The CSS property to change the border of an element to RGB 17, 170, 142 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(17, 170, 142) }
```

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

```
.border{ border-color:rgb(17, 170, 142) }
```

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

Here you see how a box with a 4 pixel rgb(17, 170, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 170, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 170, 142);  
box-shadow:4px 4px 4px 4px rgb(17, 170,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 17, 170, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 170, 142) }
```

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

```
.background{ background-color: rgb(17, 170,  
142) }
```

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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