

Converting Colors

RGB(0, 169, 137)

Have a look what the booklet for
RGB(0, 169, 137) contains.

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Color

RGB(0, 169, 137)

Conversions

Conversions Part 1

Format	Color
Hex	00A989
RGB	0, 169, 137
RGB Percent	0%, 66%, 54%
CMY	1.0000, 0.3373, 0.4627
CMYK	1.00, 0.00, 0.19, 0.34
HSL	169°, 100%, 33%
HSV	169°, 100%, 66%
XYZ	18.7033, 30.1821, 28.5069
YIQ	114.8210, -90.4520, -45.7800

Conversions

Conversions Part 2

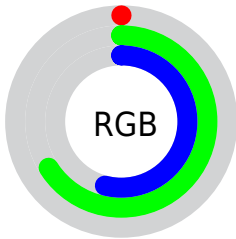
Format	Color
RYB	0, 93, 169
Decimal	43401
CIELab	61.81, -44.57, 6.21
CIELCh	62, 44.999, 172.066
Yxy	30.1821, 0.2417, 0.3900
Android (android.graphics.Color)	4278233481 (0xFF00A989)
YUV	114.8210, 10.9342, -100.6980
Hunter-Lab	54.9382, -35.3728, 7.6918

Details

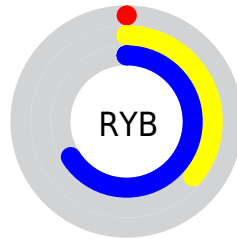
The RGB color **0, 169, 137** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **169, 0, 32**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **93, 225, 190**, and **0, 116, 87** is the 20% darker color. If you saturate the color by 10%, you get **0, 169, 137**, and if you desaturate by 10%, it is **17, 169, 140**.

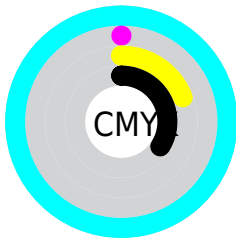
Distribution



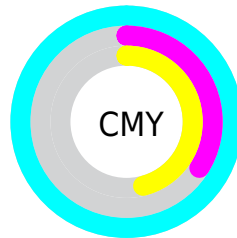
- Red (0%)
- Green (66%)
- Blue (54%)



- Red (0%)
- Yellow (36%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the RGB color 0, 169, 137 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 0, 169, 137 by changing the saturation by 10% instead.


 0, 169, 137	 0, 169, 137
 255, 255, 255	 0, 142, 112
 93, 225, 190	 0, 116, 87
 123, 254, 218	 0, 90, 64
 154, 255, 247	 0, 66, 42
 183, 255, 255	 0, 44, 21
 213, 255, 255	 0, 12, 0
 244, 255, 255	 0, 0, 0


 0, 169, 137


 17, 169, 140

 34, 169, 143


 51, 169, 147


 68, 169, 150

 84, 169, 153

 101, 169, 156

 118, 169, 159

 135, 169, 163

 152, 169, 166

Harmonies

Analogous

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



97, 165, 99



0, 169, 137



0, 169, 178

Triad

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



0, 169, 137



136, 143, 223



211, 129, 88

Complementary

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



0, 169, 137



169, 0, 32

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.



224, 118, 122



0, 169, 137



188, 128, 199

Square

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



0, 169, 137



46, 157, 228



218, 117, 162



182, 143, 69

Rectangle

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



0, 169, 137



0, 167, 202



218, 117, 162



217, 124, 98

Sweetspot

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



0, 169, 137



154, 219, 207



34, 169, 0



70, 110, 102



237, 237, 237



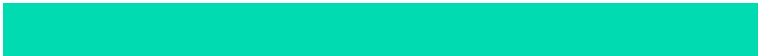
110, 110, 110

Same Dimension

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



0, 169, 137



0, 219, 178



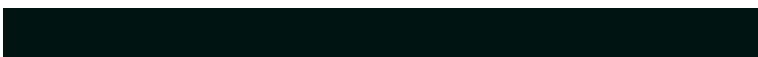
0, 118, 169



76, 84, 83



0, 148, 120



0, 20, 17

Inverse Universe

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



169, 0, 32



219, 0, 42



169, 51, 0



84, 76, 77



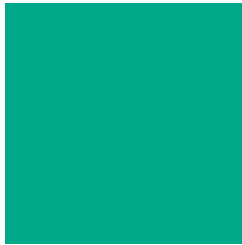
148, 0, 28



20, 0, 4

Previews

White Background



This preview shows how the RGB color 0, 169, 137 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 0, 169, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

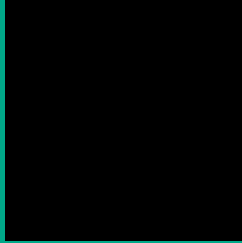
Any Text WCAG AA ✓ Pass

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 0, 169, 137 Background



This preview shows how black text looks on a background with the RGB color 0, 169, 137.




This preview shows how white text looks on a background with the RGB color 0, 169, 137.

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
50, 164, 177

Trichromacy



Original Color

0, 169, 137



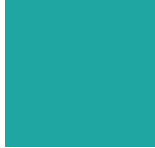
Protanomaly

99, 156, 130



Deuteranomaly

105, 152, 141



Tritanomaly

32, 166, 162

Monochromacy



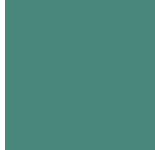
Original Color

0, 169, 137



Achromatopsia

115, 115, 115



Achromatomaly

73, 135, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 169, 137 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(0, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 137)  
}
```

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(0, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 137) }
```

Border

The CSS property to change the border of an element to RGB 0, 169, 137 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(0, 169, 137) }
```

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

```
.border{ border-color:rgb(0, 169, 137) }
```

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

Here you see how a box with a 4 pixel rgb(0, 169, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 0, 169, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 137) }
```

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

```
.background{ background-color: rgb(0, 169,  
137) }
```

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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