

Converting Colors

RGB(26, 154, 133)

Have a look what the booklet for
RGB(26, 154, 133) contains.

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Color

RGB(26, 154, 133)

Conversions

Conversions Part 1	
Format	Color
Hex	1A9A85
RGB	26, 154, 133
RGB Percent	10%, 60%, 52%
CMY	0.8980, 0.3961, 0.4784
CMYK	0.83, 0.00, 0.14, 0.40
HSL	170°, 71%, 35%
HSV	170°, 83%, 60%
XYZ	16.2152, 25.0243, 26.1658
YIQ	113.3340, -69.5470, -33.6670

Conversions

Conversions Part 2

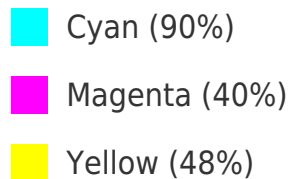
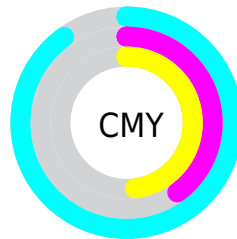
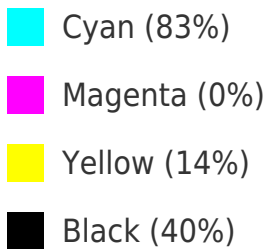
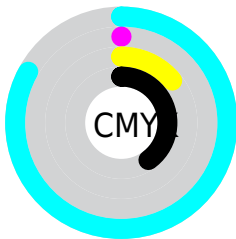
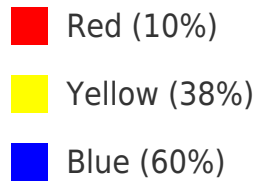
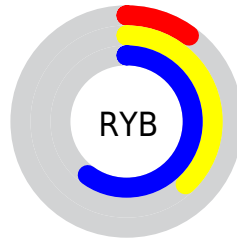
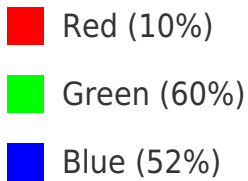
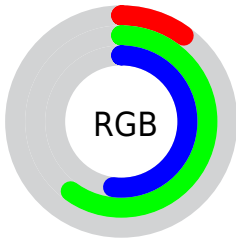
Format	Color
RYB	26, 96, 154
Decimal	1743493
CIELab	57.10, -37.77, 1.69
CIELCh	57, 37.810, 177.438
Yxy	25.0243, 0.2406, 0.3713
Android (android.graphics.Color)	4279933573 (0xFF1A9A85)
YUV	113.3340, 9.6953, -76.5919
Hunter-Lab	50.0243, -29.6821, 4.0046

Details

The RGB color **26, 154, 133** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **154, 26, 47**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **96, 209, 186**, and **0, 102, 84** is the 20% darker color. If you saturate the color by 10%, you get **11, 154, 130**, and if you desaturate by 10%, it is **41, 154, 136**.
















Distribution







Brightness & Saturation Gradients


These gradients show how the RGB color 26, 154, 133 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 26, 154, 133 by changing the saturation by 10% instead.


 26, 154, 133	 26, 154, 133
 255, 255, 255	 0, 128, 108
 96, 209, 186	 0, 102, 84
 126, 238, 214	 0, 77, 61
 155, 255, 242	 0, 53, 39
 184, 255, 255	 0, 33, 18
 213, 255, 255	 0, 0, 0
 243, 255, 255	

 26, 154, 133	 26, 154, 133
 11, 154, 130	 41, 154, 136

 0, 154, 129


 57, 154, 138

 72, 154, 141

 88, 154, 143

 103, 154, 146

 118, 154, 148

 134, 154, 151

 149, 154, 153

 165, 154, 156

Harmonies

Analogous

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



87, 151, 100



26, 154, 133



0, 154, 166

Triad

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



26, 154, 133



136, 130, 196



186, 122, 82

Complementary

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



26, 154, 133



154, 26, 47

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.



199, 113, 108



26, 154, 133



176, 117, 173

Square

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



26, 154, 133



78, 141, 203



197, 111, 141



160, 134, 70

Rectangle

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



26, 154, 133



0, 151, 185



197, 111, 141



192, 119, 90

Sweetspot

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



26, 154, 133



151, 201, 193



47, 154, 26



71, 102, 97



230, 230, 230



102, 102, 102

Same Dimension

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



26, 154, 133



0, 201, 168



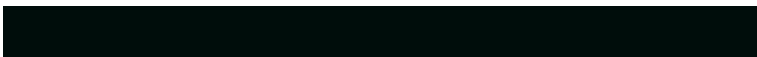
26, 111, 154



69, 77, 75



0, 140, 117



0, 13, 11

Inverse Universe

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



154, 26, 47



201, 0, 33



154, 69, 26



77, 69, 70



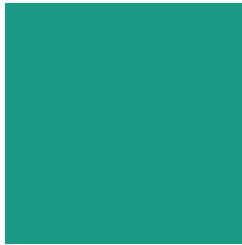
140, 0, 23



13, 0, 2

Previews

White Background



This preview shows how the RGB color 26, 154, 133 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26, 154, 133 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 × Fail

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

RGB 26, 154, 133 Background



This preview shows how black text looks on a background with the RGB color 26, 154, 133.

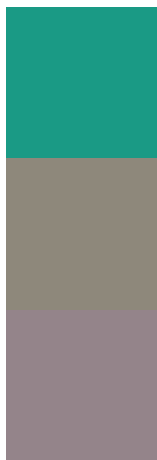


This preview shows how white text looks on a background with the RGB color 26, 154, 133.

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



Original Color

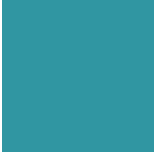
26, 154, 133

Protanopia

142, 136, 123

Deuteranopia

148, 132, 138



Tritanopia

48, 150, 162

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 26, 154, 133 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(26, 154, 133)` looks like.

```
.text, #text, p{  
    color:rgb(26, 154, 133)  
}
```

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(26, 154, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 154, 133) }
```

Border

The CSS property to change the border of an element to RGB 26, 154, 133 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(26, 154, 133) }
```

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

```
.border{ border-color:rgb(26, 154, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 154, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 154, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 154, 133);  
box-shadow:4px 4px 4px 4px rgb(26, 154,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 26, 154, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 154, 133) }
```

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

```
.background{ background-color: rgb(26, 154,  
133) }
```

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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