

Converting Colors

RGB(13, 161, 104)

Have a look what the booklet for
RGB(13, 161, 104) contains.

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Color

RGB(13, 161, 104)

Conversions

Conversions Part 1

Format	Color
Hex	0DA168
RGB	13, 161, 104
RGB Percent	5%, 63%, 41%
CMY	0.9490, 0.3686, 0.5922
CMYK	0.92, 0.00, 0.35, 0.37
HSL	157°, 85%, 34%
HSV	157°, 92%, 63%
XYZ	15.4095, 26.5748, 17.4140
YIQ	110.2500, -69.9110, -49.1030

Conversions

Conversions Part 2

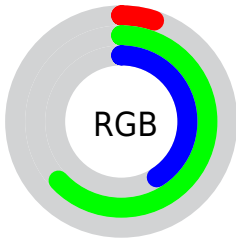
Format	Color
RYB	13, 105, 161
Decimal	893288
CIELab	58.58, -48.82, 20.02
CIELCh	59, 52.768, 157.701
Yxy	26.5748, 0.2594, 0.4474
Android (android.graphics.Color)	4279083368 (0xFF0DA168)
YUV	110.2500, -3.0812, -85.2882
Hunter-Lab	51.5507, -36.8566, 16.0572

Details

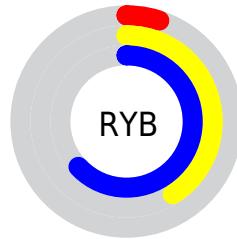
The RGB color **13, 161, 104** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **161, 13, 70**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **92, 217, 155**, and **0, 108, 56** is the 20% darker color. If you saturate the color by 10%, you get **0, 161, 99**, and if you desaturate by 10%, it is **29, 161, 110**.

Distribution



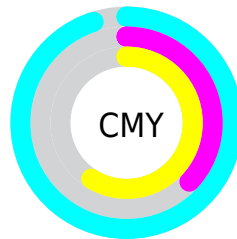
- Red (5%)
- Green (63%)
- Blue (41%)



- Red (5%)
- Yellow (41%)
- Blue (63%)



- Cyan (92%)
- Magenta (0%)
- Yellow (35%)
- Black (37%)



- Cyan (95%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 13, 161, 104 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 13, 161, 104 by changing the saturation by 10% instead.



13, 161, 104



13, 161, 104

255, 255, 255



0, 134, 80



92, 217, 155



0, 108, 56



122, 246, 182



0, 83, 34



151, 255, 210



0, 58, 13



181, 255, 239



0, 36, 0



210, 255, 255



0, 0, 0



240, 255, 255



13, 161, 104



13, 161, 104



0, 161, 99



29, 161, 110

■ 45, 161, 116

■ 61, 161, 123

■ 77, 161, 129

■ 94, 161, 135

■ 110, 161, 141

■ 126, 161, 147

■ 142, 161, 154

■ 158, 161, 160

Harmonies

Analogous

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



106, 154, 63



13, 161, 104



0, 164, 152

Triad

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



13, 161, 104



71, 142, 233



219, 108, 87

Complementary

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



13, 161, 104



161, 13, 70

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.



225, 99, 131



13, 161, 104



159, 124, 214

Square

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



13, 161, 104



0, 155, 226



206, 106, 177



194, 126, 53

Rectangle

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



13, 161, 104



0, 163, 183



206, 106, 177



224, 104, 101

Sweetspot

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



13, 161, 104



151, 209, 187



72, 161, 13



69, 105, 91



232, 232, 232



105, 105, 105

Same Dimension

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



13, 161, 104



0, 209, 129



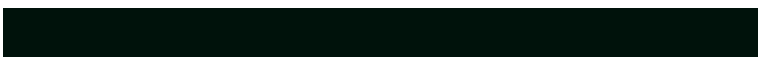
13, 146, 161



73, 82, 78



0, 145, 89



0, 18, 11

Inverse Universe

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



161, 13, 70



209, 0, 81



161, 28, 13



82, 73, 77



145, 0, 56



18, 0, 7

Previews

White Background



This preview shows how the RGB color 13, 161, 104 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 13, 161, 104 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 13, 161, 104 Background



This preview shows how black text looks on a background with the RGB color 13, 161, 104.



This preview shows how white text looks on a background with the RGB color 13, 161, 104.

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
13, 161, 104

Protanopia
151, 140, 95

Deuteranopia
163, 134, 110



Tritanopia
58, 153, 166

Trichromacy



Original Color

13, 161, 104



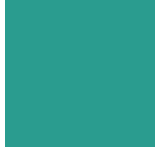
Protanomaly

101, 148, 98



Deuteranomaly

108, 144, 108



Tritanomaly

42, 156, 143

Monochromacy



Original Color

13, 161, 104



Achromatopsia

110, 110, 110



Achromatomaly

75, 129, 108

CSS Examples

Text

The CSS property to change the color of the text to RGB 13, 161, 104 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(13, 161, 104)` looks like.

```
.text, #text, p{  
    color:rgb(13, 161, 104)  
}
```

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(13, 161, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 161, 104) }
```

Border

The CSS property to change the border of an element to RGB 13, 161, 104 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(13, 161, 104) }
```

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

```
.border{ border-color:rgb(13, 161, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 161, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 161, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 161, 104);  
box-shadow:4px 4px 4px 4px rgb(13, 161,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 13, 161, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 161, 104) }
```

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

```
.background{ background-color: rgb(13, 161,  
104) }
```

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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