

Converting Colors

RGB(13, 129, 116)

Have a look what the booklet for
RGB(13, 129, 116) contains.

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Color

RGB(13, 129, 116)

Conversions

Conversions Part 1

Format	Color
Hex	0D8174
RGB	13, 129, 116
RGB Percent	5%, 51%, 45%
CMY	0.9490, 0.4941, 0.5451
CMYK	0.90, 0.00, 0.10, 0.49
HSL	173°, 82%, 28%
HSV	173°, 90%, 51%
XYZ	11.1686, 17.0470, 19.2248
YIQ	92.8340, -64.9630, -28.6350

Conversions

Conversions Part 2

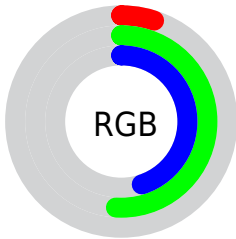
Format	Color
RYB	13, 74, 129
Decimal	885108
CIELab	48.32, -32.34, -1.31
CIELCh	48, 32.364, 182.312
Yxy	17.0470, 0.2354, 0.3593
Android (android.graphics.Color)	4279075188 (0xFF0D8174)
YUV	92.8340, 11.4208, -70.0144
Hunter-Lab	41.2881, -23.9690, 1.2947

Details

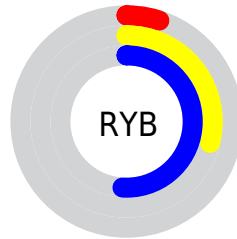
The RGB color **13, 129, 116** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **129, 13, 26**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **85, 183, 168**, and **0, 79, 68** is the 20% darker color. If you saturate the color by 10%, you get **0, 129, 115**, and if you desaturate by 10%, it is **26, 129, 117**.

Distribution



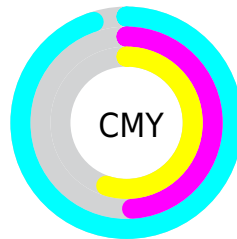
- Red (5%)
- Green (51%)
- Blue (45%)



- Red (5%)
- Yellow (29%)
- Blue (51%)



- Cyan (90%)
- Magenta (0%)
- Yellow (10%)
- Black (49%)




- Cyan (95%)
- Magenta (49%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the RGB color 13, 129, 116 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, 129, 116 by changing the saturation by 10% instead.

 13, 129, 116

255, 255, 255

 85, 183, 168


 113, 210, 195


 142, 239, 223

 170, 255, 252

 199, 255, 255


 229, 255, 255

 13, 129, 116


 0, 103, 91

 0, 79, 68


 0, 55, 46


 0, 35, 25

 0, 0, 0

 13, 129, 116

 0, 129, 115

 13, 129, 116

 26, 129, 117

■ 0, 129, 115

■ 39, 129, 119

■ 52, 129, 120

■ 65, 129, 122

■ 78, 129, 123

■ 90, 129, 125

■ 103, 129, 126

■ 116, 129, 128

■ 129, 129, 129

Harmonies

Analogous

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



67, 127, 88



13, 129, 116



0, 128, 143

Triad

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



13, 129, 116



120, 107, 161



152, 104, 67

Complementary

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



13, 129, 116



129, 13, 26

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.



165, 96, 87



13, 129, 116



151, 97, 141

Square

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



13, 129, 116



75, 117, 169



166, 93, 114



130, 114, 59

Rectangle

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



13, 129, 116



0, 126, 157



166, 93, 114



158, 101, 72

Sweetspot

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



13, 129, 116



123, 168, 163



27, 129, 13



57, 84, 81



212, 212, 212



84, 84, 84

Same Dimension

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



13, 129, 116



0, 168, 149



13, 85, 129



57, 64, 63



0, 128, 113



0, 0, 0

Inverse Universe

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



129, 13, 26



168, 0, 19



129, 57, 13



64, 57, 58



128, 0, 14



0, 0, 0

Previews

White Background



This preview shows how the RGB color 13, 129, 116 looks on a white 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

Black Background



This preview shows how the RGB color 13, 129, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

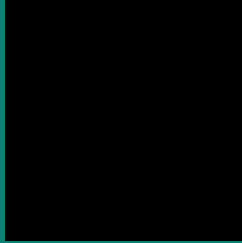
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 13, 129, 116 Background



This preview shows how black text looks on a background with the RGB color 13, 129, 116.



This preview shows how white text looks on a background with the RGB color 13, 129, 116.

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
35, 126, 136

Trichromacy



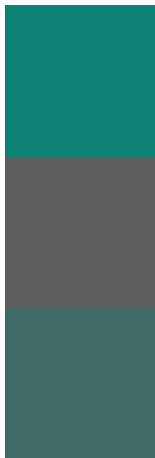
Original Color
13, 129, 116

Protanomaly
80, 119, 110

Deuteranomaly
83, 118, 119

Tritanomaly
27, 127, 129

Monochromacy



Original Color
13, 129, 116

Achromatopsia
93, 93, 93

Achromatomaly
64, 106, 101

CSS Examples

Text

The CSS property to change the color of the text to RGB 13, 129, 116 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, 129, 116)` looks like.

```
.text, #text, p{  
    color:rgb(13, 129, 116)  
}
```

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, 129, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 129, 116) }
```

Border

The CSS property to change the border of an element to RGB 13, 129, 116 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, 129, 116) }
```

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

```
.border{ border-color:rgb(13, 129, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 129, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 129, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 129, 116);  
box-shadow:4px 4px 4px 4px rgb(13, 129,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 13, 129, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 129, 116) }
```

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

```
.background{ background-color: rgb(13, 129,  
116) }
```

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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