

Converting Colors

RGB(25, 129, 110)

Have a look what the booklet for
RGB(25, 129, 110) contains.

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Color

RGB(25, 129, 110)

Conversions

Conversions Part 1

Format	Color
Hex	19816E
RGB	25, 129, 110
RGB Percent	10%, 51%, 43%
CMY	0.9020, 0.4941, 0.5686
CMYK	0.81, 0.00, 0.15, 0.49
HSL	169°, 68%, 30%
HSV	169°, 81%, 51%
XYZ	11.0656, 17.0330, 17.4563
YIQ	95.7380, -55.8850, -27.9570

Conversions

Conversions Part 2

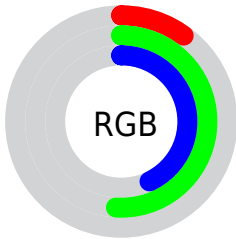
Format	Color
RYB	25, 82, 129
Decimal	1671534
CIELab	48.30, -33.02, 2.22
CIElCh	48, 33.090, 176.161
Yxy	17.0330, 0.2429, 0.3739
Android (android.graphics.Color)	4279861614 (0xFF19816E)
YUV	95.7380, 7.0312, -62.0372
Hunter-Lab	41.2710, -24.3647, 3.8119

Details

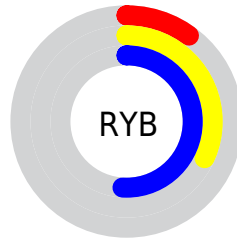
The RGB color **25, 129, 110** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **129, 25, 44**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **89, 183, 161**, and **0, 79, 63** is the 20% darker color. If you saturate the color by 10%, you get **12, 129, 108**, and if you desaturate by 10%, it is **38, 129, 112**.

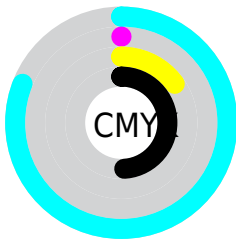
Distribution



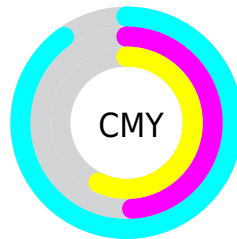
- Red (10%)
- Green (51%)
- Blue (43%)



- Red (10%)
- Yellow (32%)
- Blue (51%)



- Cyan (81%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)





- Cyan (90%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the RGB color 25, 129, 110 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 25, 129, 110 by changing the saturation by 10% instead.

 25, 129, 110

 25, 129, 110

255, 255, 255

 0, 103, 86

 89, 183, 161

 0, 79, 63

 117, 210, 188

 0, 55, 41

 145, 239, 216


 0, 35, 20


 173, 255, 245


 0, 0, 0


 202, 255, 255

 232, 255, 255

 25, 129, 110

 25, 129, 110

 12, 129, 108

 38, 129, 112

■ 0, 129, 105

■ 51, 129, 115

■ 64, 129, 117

■ 77, 129, 119

■ 90, 129, 122

■ 102, 129, 124

■ 115, 129, 126

■ 128, 129, 129

■ 141, 129, 131

Harmonies

Analogous

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



74, 126, 83



25, 129, 110



0, 129, 138

Triad

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



25, 129, 110



112, 109, 165



157, 102, 69

Complementary

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



25, 129, 110



129, 25, 44

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.



168, 94, 92



25, 129, 110



146, 98, 146

Square

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



25, 129, 110



62, 119, 170



165, 92, 119



135, 112, 58

Rectangle

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



25, 129, 110



0, 127, 154



165, 92, 119



162, 99, 76

Sweetspot

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



25, 129, 110



128, 168, 161



44, 129, 25



60, 84, 80



212, 212, 212



84, 84, 84

Same Dimension

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



25, 129, 110



5, 168, 138



25, 96, 129



57, 64, 63



0, 128, 104



0, 0, 0

Inverse Universe

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



129, 25, 44



168, 5, 35



129, 58, 25



64, 57, 59



128, 0, 23



0, 0, 0

Previews

White Background



This preview shows how the RGB color 25, 129, 110 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 25, 129, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

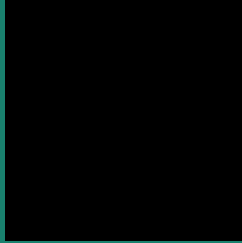
Any Text WCAG AA × Fail

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 25, 129, 110 Background



This preview shows how black text looks on a background with the RGB color 25, 129, 110.

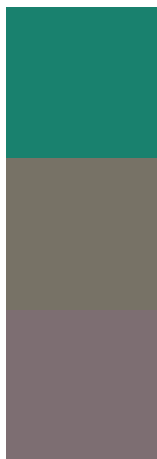


This preview shows how white text looks on a background with the RGB color 25, 129, 110.

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
25, 129, 110

Protanopia
119, 114, 102

Deuteranopia
125, 110, 114



Tritanopia
43, 125, 136

Trichromacy



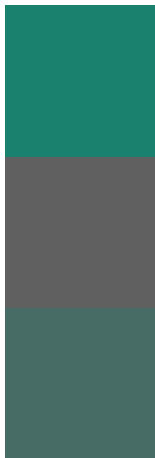
Original Color
25, 129, 110

Protanomaly
85, 119, 105

Deuteranomaly
89, 117, 113

Tritanomaly
36, 126, 127

Monochromacy



Original Color
25, 129, 110

Achromatopsia
96, 96, 96

Achromatomaly
70, 108, 101

CSS Examples

Text

The CSS property to change the color of the text to RGB 25, 129, 110 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(25, 129, 110)` looks like.

```
.text, #text, p{  
    color:rgb(25, 129, 110)  
}
```

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(25, 129, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 129, 110) }
```

Border

The CSS property to change the border of an element to RGB 25, 129, 110 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(25, 129, 110) }
```

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

```
.border{ border-color:rgb(25, 129, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 129, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 129, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 129, 110);  
box-shadow:4px 4px 4px 4px rgb(25, 129,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 25, 129, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 129, 110) }
```

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

```
.background{ background-color: rgb(25, 129,  
110) }
```

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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