

Converting Colors

RGB(32, 171, 108)

Have a look what the booklet for
RGB(32, 171, 108) contains.

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Color

RGB(32, 171, 108)

Conversions

Conversions Part 1

Format	Color
Hex	20AB6C
RGB	32, 171, 108
RGB Percent	13%, 67%, 42%
CMY	0.8745, 0.3294, 0.5765
CMYK	0.81, 0.00, 0.37, 0.33
HSL	153°, 68%, 40%
HSV	153°, 81%, 67%
XYZ	17.8653, 30.5156, 19.1359
YIQ	122.2570, -62.6210, -49.0610

Conversions

Conversions Part 2

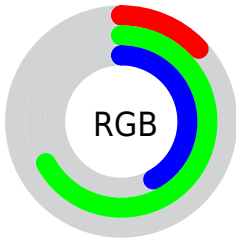
Format	Color
RYB	32, 122, 171
Decimal	2141036
CIELab	62.10, -50.21, 22.62
CIELCh	62, 55.070, 155.746
Yxy	30.5156, 0.2646, 0.4520
Android (android.graphics.Color)	4280331116 (0xFF20AB6C)
YUV	122.2570, -7.0287, -79.1554
Hunter-Lab	55.2409, -38.9433, 18.1302

Details

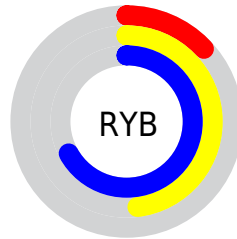
The RGB color **32, 171, 108** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **171, 32, 95**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **102, 227, 160**, and **0, 117, 60** is the 20% darker color. If you saturate the color by 10%, you get **15, 171, 100**, and if you desaturate by 10%, it is **49, 171, 116**.

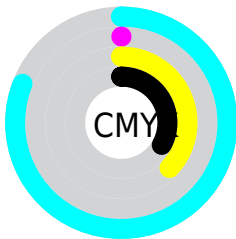
Distribution



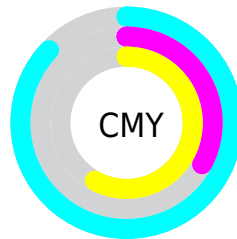
- Red (13%)
- Green (67%)
- Blue (42%)



- Red (13%)
- Yellow (48%)
- Blue (67%)



- Cyan (81%)
- Magenta (0%)
- Yellow (37%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 32, 171, 108 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 32, 171, 108 by changing the saturation by 10% instead.



32, 171, 108



32, 171, 108

255, 255, 255



0, 144, 83



102, 227, 160



0, 117, 60



131, 255, 187



0, 92, 37



161, 255, 215



0, 67, 15



190, 255, 243



0, 45, 0



220, 255, 255



0, 14, 0



250, 255, 255



0, 0, 0



32, 171, 108



32, 171, 108



15, 171, 100



49, 171, 116

■ 0, 171, 93

■ 66, 171, 124

■ 83, 171, 131

■ 100, 171, 139

■ 117, 171, 147

■ 135, 171, 155

■ 152, 171, 162

■ 169, 171, 170

■ 186, 171, 178

Harmonies

Analogous

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



117, 163, 66



32, 171, 108



0, 174, 158

Triad

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



32, 171, 108



67, 152, 247



234, 115, 96

Complementary

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



32, 171, 108



171, 32, 95

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.



239, 106, 143



32, 171, 108



165, 133, 230

Square

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



32, 171, 108



0, 166, 239



217, 114, 191



208, 133, 59

Rectangle

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



32, 171, 108



0, 174, 191



217, 114, 191



238, 110, 111

Sweetspot

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



32, 171, 108



169, 222, 198



97, 171, 32



80, 112, 97



240, 240, 240



112, 112, 112

Same Dimension

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



32, 171, 108



4, 222, 123



32, 166, 171



78, 87, 83



0, 150, 82



0, 23, 13

Inverse Universe

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



171, 32, 95



222, 4, 103



171, 37, 32



87, 78, 82



150, 0, 68



23, 0, 10

Previews

White Background



This preview shows how the RGB color 32, 171, 108 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 32, 171, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

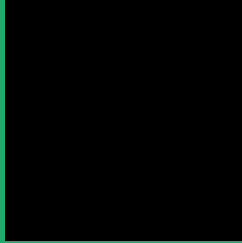
Any Text WCAG AA ✓ Pass

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 32, 171, 108 Background



This preview shows how black text looks on a background with the RGB color 32, 171, 108.



This preview shows how white text looks on a background with the RGB color 32, 171, 108.

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
32, 171, 108

Protanopia
162, 149, 99

Deuteranopia
175, 143, 114



Tritanopia
67, 163, 176

Trichromacy



Original Color

32, 171, 108



Protanomaly

115, 157, 102



Deuteranomaly

123, 153, 112



Tritanomaly

54, 166, 151

Monochromacy



Original Color

32, 171, 108



Achromatopsia

122, 122, 122



Achromatomaly

89, 140, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 32, 171, 108 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(32, 171, 108)` looks like.

```
.text, #text, p{  
    color:rgb(32, 171, 108)  
}
```

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(32, 171, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 171, 108) }
```

Border

The CSS property to change the border of an element to RGB 32, 171, 108 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(32, 171, 108) }
```

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

```
.border{ border-color:rgb(32, 171, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 171, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 171, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 171, 108);  
box-shadow:4px 4px 4px 4px rgb(32, 171,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 32, 171, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 171, 108) }
```

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

```
.background{ background-color: rgb(32, 171,  
108) }
```

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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