

Converting Colors

RGB(48, 161, 131)

Have a look what the booklet for
RGB(48, 161, 131) contains.

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Color

RGB(48, 161, 131)

Conversions

Conversions Part 1

Format	Color
Hex	30A183
RGB	48, 161, 131
RGB Percent	19%, 63%, 51%
CMY	0.8118, 0.3686, 0.4863
CMYK	0.70, 0.00, 0.19, 0.37
HSL	164°, 54%, 41%
HSV	164°, 70%, 63%
XYZ	18.0605, 27.7568, 25.8784
YIQ	123.7930, -57.7180, -33.2860

Conversions

Conversions Part 2

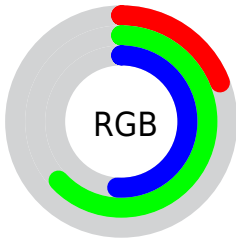
Format	Color
RYB	48, 113, 161
Decimal	3187075
CIELab	59.67, -38.70, 6.58
CIElCh	60, 39.258, 170.356
Yxy	27.7568, 0.2519, 0.3871
Android (android.graphics.Color)	4281377155 (0xFF30A183)
YUV	123.7930, 3.5531, -66.4705
Hunter-Lab	52.6847, -31.0078, 7.7564

Details

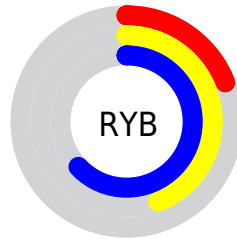
The RGB color **48, 161, 131** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **161, 48, 78**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **109, 217, 184**, and **0, 108, 82** is the 20% darker color. If you saturate the color by 10%, you get **32, 161, 127**, and if you desaturate by 10%, it is **64, 161, 135**.

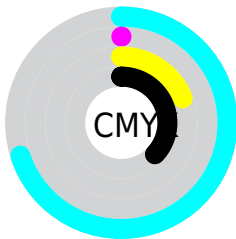
Distribution



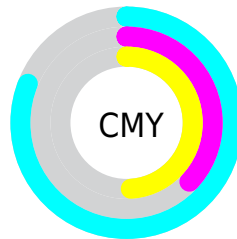
- Red (19%)
- Green (63%)
- Blue (51%)



- Red (19%)
- Yellow (44%)
- Blue (63%)



- Cyan (70%)
- Magenta (0%)
- Yellow (19%)
- Black (37%)



- Cyan (81%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 48, 161, 131 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 48, 161, 131 by changing the saturation by 10% instead.



48, 161, 131



48, 161, 131

255, 255, 255



0, 134, 106



109, 217, 184



0, 108, 82



138, 245, 212



0, 83, 59



167, 255, 240



0, 59, 37



196, 255, 255



0, 39, 16



225, 255, 255



0, 0, 0



48, 161, 131



48, 161, 131



32, 161, 127



64, 161, 135



16, 161, 122



80, 161, 140

■ 0, 161, 118

■ 96, 161, 144

■ 112, 161, 148

■ 129, 161, 152

■ 145, 161, 157

■ 161, 161, 161

■ 177, 161, 165

■ 193, 161, 169

Harmonies

Analogous

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



102, 157, 98



48, 161, 131



0, 162, 167

Triad

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



48, 161, 131



130, 139, 208



199, 126, 92

Complementary

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



48, 161, 131



161, 48, 78

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.



210, 117, 121



48, 161, 131



176, 126, 188

Square

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



48, 161, 131



63, 151, 211



203, 117, 156



175, 138, 75

Rectangle

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



48, 161, 131



0, 160, 187



203, 117, 156



204, 122, 101

Sweetspot

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



48, 161, 131



165, 209, 197



78, 161, 48



78, 105, 98



232, 232, 232



105, 105, 105

Same Dimension

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



48, 161, 131



33, 209, 162



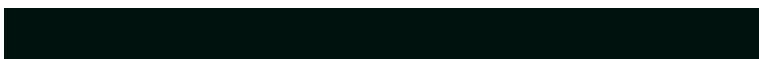
48, 135, 161



73, 82, 79



0, 145, 107



0, 18, 13

Inverse Universe

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



161, 48, 78



209, 33, 80



161, 74, 48



82, 73, 76



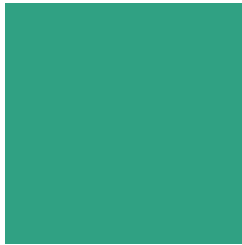
145, 0, 39



18, 0, 5

Previews

White Background



This preview shows how the RGB color 48, 161, 131 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 48, 161, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

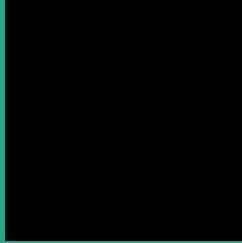
Any Text WCAG AA ✓ Pass

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 48, 161, 131 Background



This preview shows how black text looks on a background with the RGB color 48, 161, 131.



This preview shows how white text looks on a background with the RGB color 48, 161, 131.

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
66, 156, 168

Trichromacy



Original Color

48, 161, 131



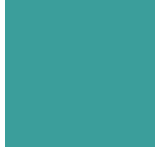
Protanomaly

113, 149, 125



Deuteranomaly

119, 146, 134



Tritanomaly

59, 158, 155

Monochromacy



Original Color

48, 161, 131



Achromatopsia

124, 124, 124



Achromatomaly

96, 137, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 48, 161, 131 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(48, 161, 131)` looks like.

```
.text, #text, p{  
    color:rgb(48, 161, 131)  
}
```

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(48, 161, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 161, 131) }
```

Border

The CSS property to change the border of an element to RGB 48, 161, 131 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(48, 161, 131) }
```

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

```
.border{ border-color:rgb(48, 161, 131) }
```

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

Here you see how a box with a 4 pixel rgb(48, 161, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 161, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 161, 131);  
box-shadow:4px 4px 4px 4px rgb(48, 161,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 48, 161, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 161, 131) }
```

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

```
.background{ background-color: rgb(48, 161,  
131) }
```

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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