

Converting Colors

RGB(64, 164, 147)

Have a look what the booklet for
RGB(64, 164, 147) contains.

RGB(64, 164, 147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(64, 164, 147)

Conversions

Conversions Part 1

Format	Color
Hex	40A493
RGB	64, 164, 147
RGB Percent	25%, 64%, 58%
CMY	0.7490, 0.3569, 0.4235
CMYK	0.61, 0.00, 0.10, 0.36
HSL	170°, 44%, 45%
HSV	170°, 61%, 64%
XYZ	20.6563, 29.7475, 32.2569
YIQ	132.1620, -54.1430, -26.4870

Conversions

Conversions Part 2

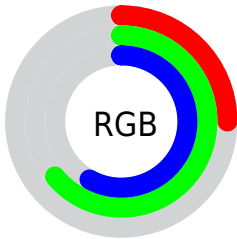
Format	Color
R_{YB}	64, 119, 164
Decimal	4236435
CIE _{Lab}	61.44, -33.16, 0.18
CIE _{LCh}	61, 33.162, 179.684
Yxy	29.7475, 0.2499, 0.3599
Android (android.graphics.Color)	4282426515 (0xFF40A493)
YUV	132.1620, 7.3151, -59.7781
Hunter-Lab	54.5413, -27.8444, 3.1135

Details

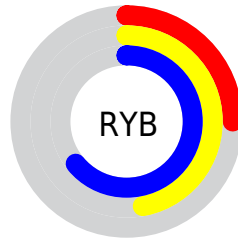
The RGB color `64, 164, 147` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `164, 64, 81`, and the grayscale version is `132, 132, 132`.

A 20% lighter version of the original color is `122, 219, 201`, and `0, 112, 97` is the 20% darker color. If you saturate the color by 10%, you get `48, 164, 144`, and if you desaturate by 10%, it is `80, 164, 150`.

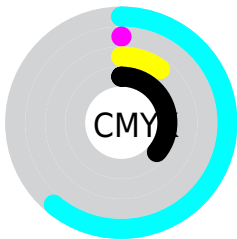
Distribution



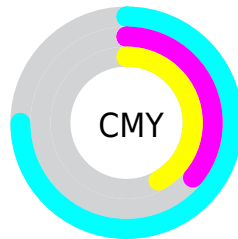
- Red (25%)
- Green (64%)
- Blue (58%)



- Red (25%)
- Yellow (47%)
- Blue (64%)



- Cyan (61%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (75%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 64, 164, 147 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 64, 164, 147 by changing the saturation by 10% instead.



64, 164, 147



64, 164, 147

255, 255, 255



29, 137, 121



122, 219, 201



0, 112, 97



150, 248, 229



0, 87, 73



179, 255, 255



0, 63, 50



208, 255, 255



0, 40, 29



238, 255, 255



0, 10, 5



0, 0, 0



64, 164, 147



64, 164, 147



48, 164, 144



80, 164, 150

■ 31, 164, 141

■ 97, 164, 153

■ 15, 164, 139

■ 113, 164, 155

■ 0, 164, 136

■ 130, 164, 158

■ 146, 164, 161

■ 162, 164, 164

■ 179, 164, 167

■ 195, 164, 169

■ 212, 164, 172

Harmonies

Analogous

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



103, 161, 118



64, 164, 147



30, 163, 176

Triad

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



64, 164, 147



151, 141, 199



192, 136, 99

Complementary

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



64, 164, 147



164, 64, 81

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.



205, 128, 121



64, 164, 147



185, 131, 178

Square

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



64, 164, 147



106, 151, 207



203, 126, 150



168, 146, 89

Rectangle

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



64, 164, 147



40, 161, 192



203, 126, 150



197, 133, 105

Sweetspot

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



64, 164, 147



176, 214, 208



82, 164, 64



84, 107, 103



235, 235, 235



107, 107, 107

Same Dimension

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



64, 164, 147



58, 214, 188



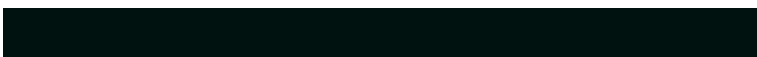
64, 132, 164



73, 82, 80



0, 145, 121



0, 18, 15

Inverse Universe

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



164, 64, 81



214, 58, 84



164, 96, 64



82, 73, 75



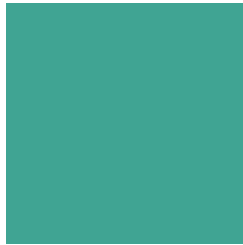
145, 0, 25



18, 0, 3

Previews

White Background



This preview shows how the RGB color 64, 164, 147 looks on a white background.

Color Contrast Check

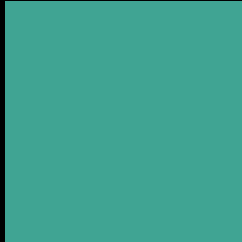
Large Text (above 18pt) WCAG AA ✓ Pass

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 64, 164, 147 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 64, 164, 147 Background



This preview shows how black text looks on a background with the RGB color 64, 164, 147.

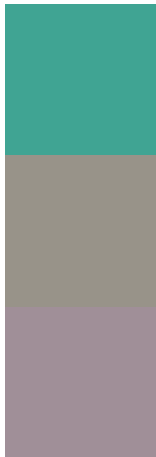


This preview shows how white text looks on a background with the RGB color 64, 164, 147.

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
64, 164, 147

Protanopia
152, 147, 137

Deuteranopia
160, 143, 152



Tritanopia
74, 160, 173

Trichromacy



Original Color

64, 164, 147



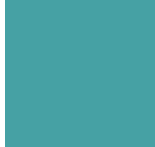
Protanomaly

120, 153, 141



Deuteranomaly

125, 151, 150



Tritanomaly

70, 161, 164

Monochromacy



Original Color

64, 164, 147



Achromatopsia

132, 132, 132



Achromatomaly

107, 144, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 64, 164, 147 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(64, 164, 147)` looks like.

```
.text, #text, p{  
    color:rgb(64, 164, 147)  
}
```

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(64, 164, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 164, 147) }
```

Border

The CSS property to change the border of an element to RGB 64, 164, 147 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(64, 164, 147) }
```

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

```
.border{ border-color:rgb(64, 164, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 164, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 164, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 164, 147);  
box-shadow:4px 4px 4px 4px rgb(64, 164,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 64, 164, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 164, 147) }
```

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

```
.background{ background-color: rgb(64, 164,  
147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor