

Converting Colors

RGB(90, 166, 144)

Have a look what the booklet for
RGB(90, 166, 144) contains.

RGB(90, 166, 144)	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(90, 166, 144)

Conversions

Conversions Part 1

Format	Color
Hex	5AA690
RGB	90, 166, 144
RGB Percent	35%, 65%, 56%
CMY	0.6471, 0.3490, 0.4353
CMYK	0.46, 0.00, 0.13, 0.35
HSL	163°, 30%, 50%
HSV	163°, 46%, 65%
XYZ	22.8867, 31.4597, 31.2516
YIQ	140.7680, -38.2340, -22.9540

Conversions

Conversions Part 2

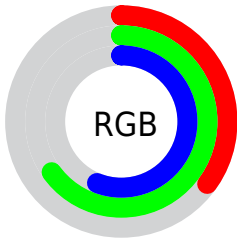
Format	Color
RYB	90, 134, 166
Decimal	5940880
CIELab	62.89, -28.99, 4.10
CIElCh	63, 29.282, 171.958
Yxy	31.4597, 0.2674, 0.3675
Android (android.graphics.Color)	4284130960 (0xFF5AA690)
YUV	140.7680, 1.5934, -44.5235
Hunter-Lab	56.0890, -25.3200, 6.2271

Details

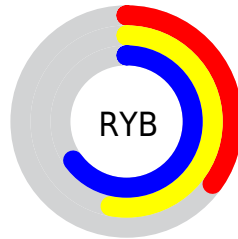
The RGB color **90, 166, 144** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **166, 90, 112**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **144, 221, 198**, and **34, 114, 94** is the 20% darker color. If you saturate the color by 10%, you get **73, 166, 139**, and if you desaturate by 10%, it is **107, 166, 149**.

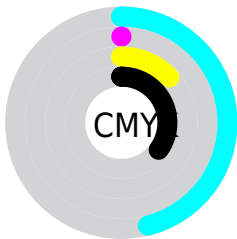
Distribution



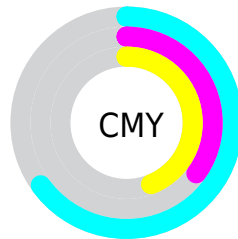
- Red (35%)
- Green (65%)
- Blue (56%)



- Red (35%)
- Yellow (53%)
- Blue (65%)



- Cyan (46%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)




- Cyan (65%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 166, 144 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 90, 166, 144 by changing the saturation by 10% instead.

 90, 166, 144


255, 255, 255


 144, 221, 198


 172, 250, 226


 200, 255, 254


 229, 255, 255

 90, 166, 144

 73, 166, 139

 90, 166, 144

 63, 139, 118

 34, 114, 94


 0, 89, 70

 0, 65, 48

 0, 42, 27

 0, 18, 0

 0, 0, 0

 90, 166, 144

 107, 166, 149

■ 57, 166, 134

■ 123, 166, 154

■ 40, 166, 130

■ 140, 166, 158

■ 24, 166, 125

■ 156, 166, 163

■ 7, 166, 120

■ 173, 166, 168

■ 0, 166, 118

■ 190, 166, 173

■ 206, 166, 178

■ 223, 166, 182

■ 239, 166, 187

Harmonies

Analogous

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



121, 163, 119



90, 166, 144



67, 166, 171

Triad

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



90, 166, 144



146, 148, 200



196, 139, 112

Complementary

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



90, 166, 144



166, 90, 112

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.



204, 133, 134



90, 166, 144



179, 139, 184

Square

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



90, 166, 144



107, 157, 203



199, 133, 160



177, 148, 101

Rectangle

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



90, 166, 144



66, 165, 186



199, 133, 160



200, 137, 119

Sweetspot

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



90, 166, 144



186, 217, 208



113, 166, 90



91, 110, 104



237, 237, 237



110, 110, 110

Same Dimension

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



90, 166, 144



98, 217, 182



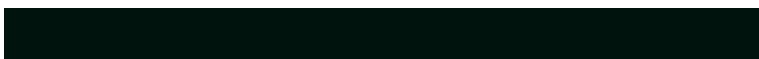
90, 151, 166



76, 84, 82



0, 148, 105



0, 20, 14

Inverse Universe

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



166, 90, 112



217, 98, 132



166, 105, 90



84, 76, 78



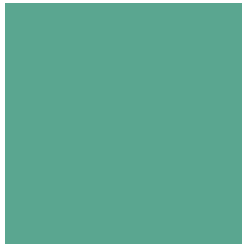
148, 0, 43



20, 0, 6

Previews

White Background



This preview shows how the RGB color 90, 166, 144 looks on a white background.

Color Contrast Check

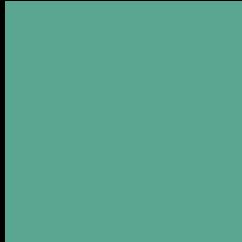
Large Text (above 18pt) WCAG AA × Fail

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 90, 166, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

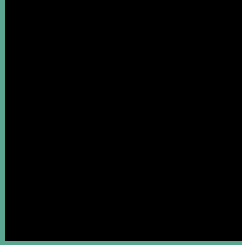
Any Text WCAG AA ✓ Pass

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 90, 166, 144 Background



This preview shows how black text looks on a background with the RGB color 90, 166, 144.



This preview shows how white text looks on a background with the RGB color 90, 166, 144.

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
98, 162, 175

Trichromacy



Original Color
90, 166, 144

Protanomaly
133, 156, 139

Deuteranomaly
139, 153, 147

Tritanomaly
95, 163, 164

Monochromacy



Original Color
90, 166, 144

Achromatopsia
141, 141, 141

Achromatomaly
122, 150, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 166, 144 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(90, 166, 144)` looks like.

```
.text, #text, p{  
    color:rgb(90, 166, 144)  
}
```

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(90, 166, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 166, 144) }
```

Border

The CSS property to change the border of an element to RGB 90, 166, 144 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(90, 166, 144) }
```

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

```
.border{ border-color:rgb(90, 166, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 166, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 166, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 166, 144);  
box-shadow:4px 4px 4px 4px rgb(90, 166,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 90, 166, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 166, 144) }
```

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

```
.background{ background-color: rgb(90, 166,  
144) }
```

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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