

Converting Colors

RGB(86, 169, 151)

Have a look what the booklet for
RGB(86, 169, 151) contains.

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Color

RGB(86, 169, 151)

Conversions

Conversions Part 1

Format	Color
Hex	56A997
RGB	86, 169, 151
RGB Percent	34%, 66%, 59%
CMY	0.6627, 0.3373, 0.4078
CMYK	0.49, 0.00, 0.11, 0.34
HSL	167°, 33%, 50%
HSV	167°, 49%, 66%
XYZ	23.6116, 32.5887, 34.3239
YIQ	142.1310, -43.6900, -23.1940

Conversions

Conversions Part 2

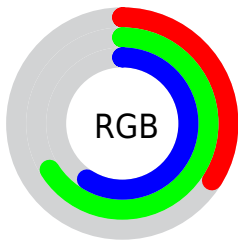
Format	Color
RYB	86, 133, 169
Decimal	5679511
CIELab	63.83, -29.76, 1.52
CIELCh	64, 29.803, 177.084
Yxy	32.5887, 0.2608, 0.3600
Android (android.graphics.Color)	4283869591 (0xFF56A997)
YUV	142.1310, 4.3724, -49.2269
Hunter-Lab	57.0865, -26.0719, 4.3118

Details

The RGB color **86, 169, 151** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **169, 86, 104**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **141, 225, 205**, and **26, 116, 100** is the 20% darker color. If you saturate the color by 10%, you get **69, 169, 147**, and if you desaturate by 10%, it is **103, 169, 155**.

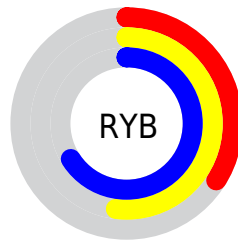
Distribution



Red (34%)

Green (66%)

Blue (59%)



Red (34%)

Yellow (52%)

Blue (66%)

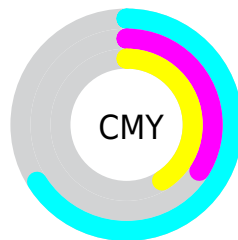


Cyan (49%)

Magenta (0%)

Yellow (11%)

Black (34%)



Cyan (66%)

Magenta (34%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 86, 169, 151 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 86, 169, 151 by changing the saturation by 10% instead.



86, 169, 151



86, 169, 151

255, 255, 255



58, 142, 125



141, 225, 205



26, 116, 100



169, 253, 233



0, 91, 76



198, 255, 255



0, 67, 54



226, 255, 255



0, 44, 32



0, 22, 10



0, 0, 0



86, 169, 151



86, 169, 151



69, 169, 147



103, 169, 155

■ 52, 169, 144

■ 120, 169, 158

■ 35, 169, 140

■ 137, 169, 162

■ 18, 169, 136

■ 154, 169, 166

■ 2, 169, 133

■ 170, 169, 169

■ 0, 169, 132

■ 187, 169, 173

■ 204, 169, 177

■ 221, 169, 180

■ 238, 169, 184

Harmonies

Analogous

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



117, 166, 125



86, 169, 151



65, 169, 178

Triad

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



86, 169, 151



155, 149, 202



196, 143, 111

Complementary

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



86, 169, 151



169, 86, 104

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.



207, 136, 132



86, 169, 151



186, 140, 184

Square

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



86, 169, 151



115, 158, 207



204, 135, 158



175, 152, 102

Rectangle

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



86, 169, 151



69, 167, 193



204, 135, 158



201, 140, 117

Sweetspot

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



86, 169, 151



186, 219, 212



105, 169, 86



90, 110, 105



237, 237, 237



110, 110, 110

Same Dimension

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



86, 169, 151



90, 219, 191



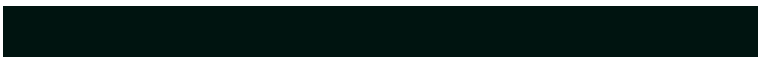
86, 147, 169



76, 84, 82



0, 148, 116



0, 20, 16

Inverse Universe

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



169, 86, 104



219, 90, 118



169, 108, 86



84, 76, 78



148, 0, 32



20, 0, 4

Previews

White Background



This preview shows how the RGB color 86, 169, 151 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 86, 169, 151 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 86, 169, 151 Background



This preview shows how black text looks on a background with the RGB color 86, 169, 151.



This preview shows how white text looks on a background with the RGB color 86, 169, 151.

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

94, 165, 178

Trichromacy



Original Color

86, 169, 151



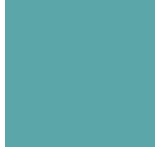
Protanomaly

132, 159, 145



Deuteranomaly

138, 156, 154



Tritanomaly

91, 166, 168

Monochromacy



Original Color

86, 169, 151



Achromatopsia

142, 142, 142



Achromatomaly

122, 152, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 86, 169, 151 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(86, 169, 151)` looks like.

```
.text, #text, p{  
    color:rgb(86, 169, 151)  
}
```

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(86, 169, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 169, 151) }
```

Border

The CSS property to change the border of an element to RGB 86, 169, 151 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(86, 169, 151) }
```

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

```
.border{ border-color:rgb(86, 169, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 169, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 169, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 169, 151);  
box-shadow:4px 4px 4px 4px rgb(86, 169,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 86, 169, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 169, 151) }
```

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

```
.background{ background-color: rgb(86, 169,  
151) }
```

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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