

Converting Colors

RGB(91, 174, 161)

Have a look what the booklet for
RGB(91, 174, 161) contains.

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Color

RGB(91, 174, 161)

Conversions

Conversions Part 1

Format	Color
Hex	5BAEA1
RGB	91, 174, 161
RGB Percent	36%, 68%, 63%
CMY	0.6431, 0.3176, 0.3686
CMYK	0.48, 0.00, 0.07, 0.32
HSL	171°, 34%, 52%
HSV	171°, 48%, 68%
XYZ	25.8835, 35.0695, 39.1231
YIQ	147.7010, -45.2950, -21.6390

Conversions

Conversions Part 2

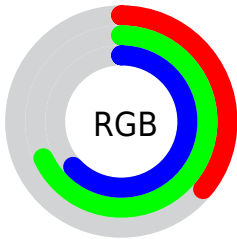
Format	Color
RYB	91, 136, 174
Decimal	6008481
CIELab	65.80, -28.51, -1.15
CIELCh	66, 28.532, 182.302
Yxy	35.0695, 0.2586, 0.3504
Android (android.graphics.Color)	4284198561 (0xFF5BAEA1)
YUV	147.7010, 6.5564, -49.7268
Hunter-Lab	59.2195, -25.6159, 2.2839

Details

The RGB color **91, 174, 161** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **174, 91, 104**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **146, 230, 216**, and **32, 121, 110** is the 20% darker color. If you saturate the color by 10%, you get **74, 174, 158**, and if you desaturate by 10%, it is **108, 174, 164**.

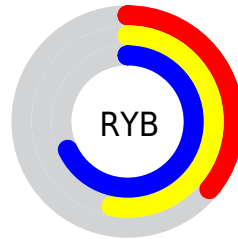
Distribution



Red (36%)

Green (68%)

Blue (63%)



Red (36%)

Yellow (53%)

Blue (68%)

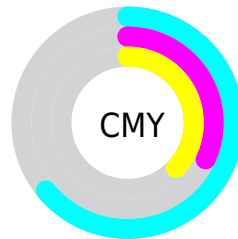


Cyan (48%)

Magenta (0%)

Yellow (7%)

Black (32%)



Cyan (64%)


Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 174, 161 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 91, 174, 161 by changing the saturation by 10% instead.

 91, 174, 161


255, 255, 255


 146, 230, 216


 174, 255, 244


 203, 255, 255

 232, 255, 255

 91, 174, 161

 63, 147, 135

 32, 121, 110


 0, 96, 85


 0, 72, 62


 0, 49, 40


 0, 29, 20


 0, 0, 0

 91, 174, 161


 74, 174, 158


 91, 174, 161


 108, 174, 164


 56, 174, 156

 126, 174, 166

 39, 174, 153

 143, 174, 169

 21, 174, 150

 161, 174, 172


 4, 174, 147

 178, 174, 175

 0, 174, 147

 195, 174, 177

 213, 174, 180

 230, 174, 183

 248, 174, 186

Harmonies

Analogous

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



119, 172, 135



91, 174, 161



78, 173, 186

Triad

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



91, 174, 161



166, 153, 203



198, 150, 115

Complementary

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



91, 174, 161



174, 91, 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.



210, 143, 134



91, 174, 161



194, 145, 184

Square

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



91, 174, 161



129, 162, 211



209, 141, 159



176, 159, 109

Rectangle

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



91, 174, 161



85, 171, 200



209, 141, 159



203, 147, 120

Sweetspot

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



91, 174, 161



195, 227, 222



105, 174, 91



95, 115, 112



242, 242, 242



115, 115, 115

Same Dimension

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



91, 174, 161



98, 227, 207



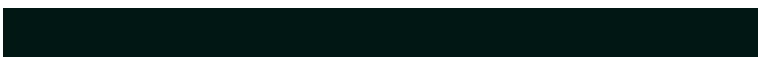
91, 146, 174



78, 87, 85



0, 150, 127



0, 23, 19

Inverse Universe

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



174, 91, 104



227, 98, 118



174, 119, 91



87, 78, 79



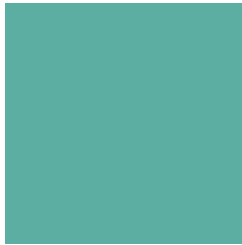
150, 0, 24



23, 0, 4

Previews

White Background



This preview shows how the RGB color 91, 174, 161 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 91, 174, 161 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

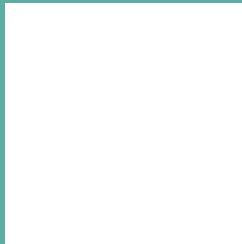
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 91, 174, 161 Background



This preview shows how black text looks on a background with the RGB color 91, 174, 161.

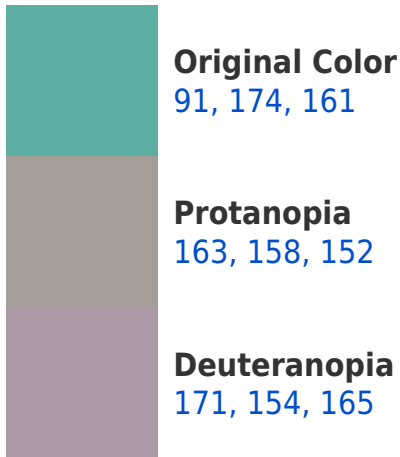


This preview shows how white text looks on a background with the RGB color 91, 174, 161.

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, 171, 184

Trichromacy



Original Color

91, 174, 161



Protanomaly

137, 164, 155



Deuteranomaly

142, 161, 164



Tritanomaly

95, 172, 176

Monochromacy



Original Color

91, 174, 161



Achromatopsia

148, 148, 148



Achromatomaly

127, 157, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 174, 161 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(91, 174, 161)` looks like.

```
.text, #text, p{  
    color:rgb(91, 174, 161)  
}
```

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(91, 174, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 174, 161) }
```

Border

The CSS property to change the border of an element to RGB 91, 174, 161 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(91, 174, 161) }
```

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

```
.border{ border-color:rgb(91, 174, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 174, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 174, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 174, 161);  
box-shadow:4px 4px 4px 4px rgb(91, 174,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 91, 174, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 174, 161) }
```

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

```
.background{ background-color: rgb(91, 174,  
161) }
```

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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