

Converting Colors

RGB(81, 157, 155)

Have a look what the booklet for
RGB(81, 157, 155) contains.

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Color

RGB(81, 157, 155)

Conversions

Conversions Part 1

Format	Color
Hex	519D9B
RGB	81, 157, 155
RGB Percent	32%, 62%, 61%
CMY	0.6824, 0.3843, 0.3922
CMYK	0.48, 0.00, 0.01, 0.38
HSL	178°, 32%, 47%
HSV	178°, 48%, 62%
XYZ	21.3667, 28.2298, 35.3331
YIQ	134.0480, -44.6540, -16.7340

Conversions

Conversions Part 2

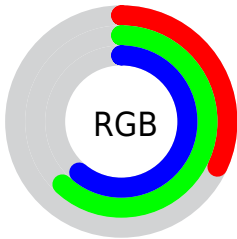
Format	Color
R_{YB}	81, 120, 157
Decimal	5348763
CIE _{Lab}	60.10, -23.98, -6.24
CIE _{LCh}	60, 24.777, 194.581
Yxy	28.2298, 0.2516, 0.3324
Android (android.graphics.Color)	4283538843 (0xFF519D9B)
YUV	134.0480, 10.3293, -46.5231
Hunter-Lab	53.1318, -21.1976, -2.2362

Details

The RGB color **81, 157, 155** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **157, 81, 83**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **136, 212, 209**, and **19, 105, 104** is the 20% darker color. If you saturate the color by 10%, you get **65, 157, 155**, and if you desaturate by 10%, it is **97, 157, 155**.

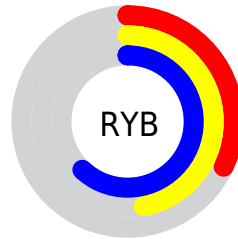
Distribution



Red (32%)

Green (62%)

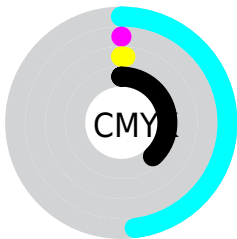
Blue (61%)



Red (32%)

Yellow (47%)

Blue (62%)

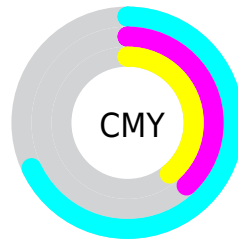


Cyan (48%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (68%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 81, 157, 155 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 81, 157, 155 by changing the saturation by 10% instead.



81, 157, 155



81, 157, 155

255, 255, 255



53, 131, 129



136, 212, 209



19, 105, 104



164, 240, 238



0, 81, 80



192, 255, 255



0, 57, 57



221, 255, 255



0, 36, 36



250, 255, 255



0, 1, 15



0, 0, 0



81, 157, 155



81, 157, 155



65, 157, 155



97, 157, 155

■ 50, 157, 154

■ 112, 157, 156

■ 34, 157, 154

■ 128, 157, 156

■ 18, 157, 153

■ 144, 157, 157

■ 2, 157, 153

■ 160, 157, 157

■ 0, 157, 153

■ 175, 157, 157

■ 191, 157, 158

■ 207, 157, 158

■ 222, 157, 159

Harmonies

Analogous

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



100, 156, 133



81, 157, 155



80, 155, 175

Triad

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



81, 157, 155



161, 136, 176



171, 140, 103

Complementary

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



81, 157, 155



157, 81, 83

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.



185, 133, 115



81, 157, 155



181, 130, 157

Square

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



81, 157, 155



132, 143, 187



189, 129, 135



150, 147, 102

Rectangle

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



81, 157, 155



92, 152, 184



189, 129, 135



176, 137, 106

Sweetspot

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



81, 157, 155



173, 204, 203



84, 157, 81



84, 102, 102



230, 230, 230



102, 102, 102

Same Dimension

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



81, 157, 155



86, 204, 201



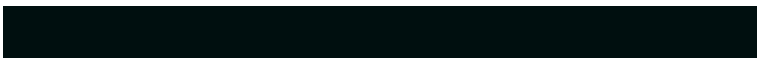
81, 122, 157



71, 79, 79



0, 143, 139



0, 15, 15

Inverse Universe

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



157, 81, 83



204, 86, 89



157, 116, 81



79, 71, 71



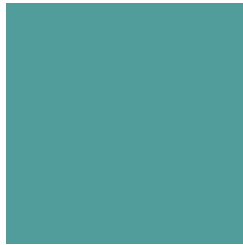
143, 0, 4



15, 0, 0

Previews

White Background



This preview shows how the RGB color 81, 157, 155 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 81, 157, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

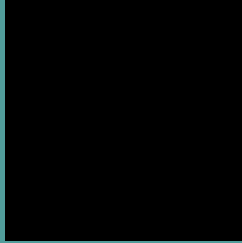
Any Text WCAG AA ✓ Pass

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 81, 157, 155 Background



This preview shows how black text looks on a background with the RGB color 81, 157, 155.



This preview shows how white text looks on a background with the RGB color 81, 157, 155.

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
85, 155, 168

Trichromacy



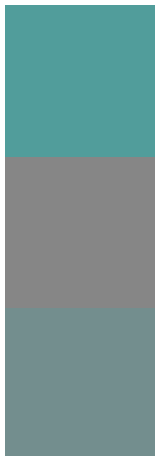
Original Color
81, 157, 155

Protanomaly
122, 148, 150

Deuteranomaly
126, 146, 158

Tritanomaly
84, 156, 163

Monochromacy



Original Color
81, 157, 155

Achromatopsia
134, 134, 134

Achromatomaly
115, 142, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 81, 157, 155 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(81, 157, 155)` looks like.

```
.text, #text, p{  
    color:rgb(81, 157, 155)  
}
```

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(81, 157, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 157, 155) }
```

Border

The CSS property to change the border of an element to RGB 81, 157, 155 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(81, 157, 155) }
```

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

```
.border{ border-color:rgb(81, 157, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 157, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 157, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 157, 155);  
box-shadow:4px 4px 4px 4px rgb(81, 157,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 81, 157, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 157, 155) }
```

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

```
.background{ background-color: rgb(81, 157,  
155) }
```

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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