

Converting Colors

RGB(95, 182, 159)

Have a look what the booklet for
RGB(95, 182, 159) contains.

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Color

RGB(95, 182, 159)

Conversions

Conversions Part 1

Format	Color
Hex	5FB69F
RGB	95, 182, 159
RGB Percent	37%, 71%, 62%
CMY	0.6275, 0.2863, 0.3765
CMYK	0.48, 0.00, 0.13, 0.29
HSL	164°, 37%, 54%
HSV	164°, 48%, 71%
XYZ	27.7053, 38.3920, 38.7511
YIQ	153.3650, -44.4690, -25.5970

Conversions

Conversions Part 2

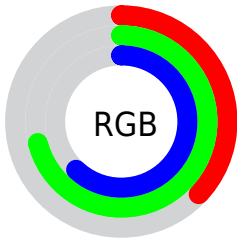
Format	Color
RYB	95, 145, 182
Decimal	6272671
CIELab	68.31, -31.88, 3.63
CIElCh	68, 32.083, 173.510
Yxy	38.3920, 0.2642, 0.3662
Android (android.graphics.Color)	4284462751 (0xFF5FB69F)
YUV	153.3650, 2.7781, -51.1861
Hunter-Lab	61.9613, -28.6180, 6.2925

Details

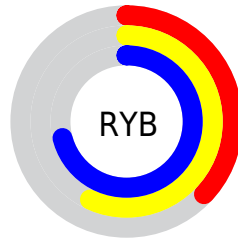
The RGB color **95, 182, 159** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **182, 95, 118**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **150, 238, 214**, and **37, 129, 108** is the 20% darker color. If you saturate the color by 10%, you get **77, 182, 154**, and if you desaturate by 10%, it is **113, 182, 164**.

Distribution



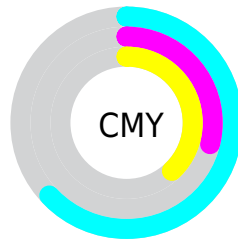
- Red (37%)
- Green (71%)
- Blue (62%)



- Red (37%)
- Yellow (57%)
- Blue (71%)



- Cyan (48%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (63%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 182, 159 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 95, 182, 159 by changing the saturation by 10% instead.



95, 182, 159



95, 182, 159

255, 255, 255



67, 155, 133



150, 238, 214



37, 129, 108



179, 255, 242



0, 103, 83



207, 255, 255



0, 78, 60



237, 255, 255



0, 55, 39



0, 35, 18



0, 0, 0



95, 182, 159




95, 182, 159





77, 182, 154





113, 182, 164


 59, 182, 149

 131, 182, 169

 40, 182, 145

 150, 182, 173

 22, 182, 140


 168, 182, 178


 4, 182, 135

 186, 182, 183

 0, 182, 134

 204, 182, 188

 222, 182, 193

 241, 182, 197

 255, 182, 202

Harmonies

Analogous

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



129, 179, 131



95, 182, 159



69, 182, 189

Triad

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



95, 182, 159



162, 161, 220



214, 153, 121

Complementary

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



95, 182, 159



182, 95, 118

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.



224, 146, 145



95, 182, 159



197, 151, 201

Square

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



95, 182, 159



117, 171, 224



219, 145, 174



192, 163, 109

Rectangle

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



95, 182, 159



70, 180, 205



219, 145, 174



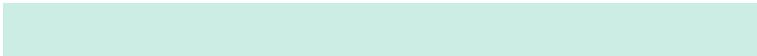
219, 150, 128

Sweetspot

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



95, 182, 159



204, 237, 228



118, 182, 95



99, 120, 114



247, 247, 247



120, 120, 120

Same Dimension

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



95, 182, 159



102, 237, 201



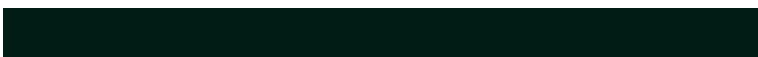
95, 162, 182



83, 92, 89



0, 156, 114



0, 28, 21

Inverse Universe

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



182, 95, 118



237, 102, 138



182, 115, 95



92, 83, 85



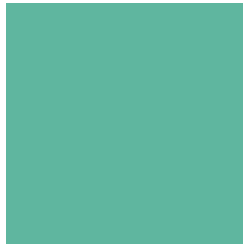
156, 0, 41



28, 0, 7

Previews

White Background



This preview shows how the RGB color 95, 182, 159 looks on a white background.

Color Contrast Check

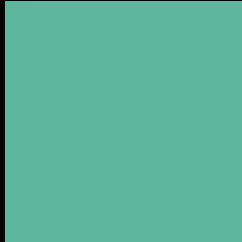
Large Text (above 18pt) WCAG AA × Fail

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 95, 182, 159 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 95, 182, 159 Background



This preview shows how black text looks on a background with the RGB color 95, 182, 159.



This preview shows how white text looks on a background with the RGB color 95, 182, 159.

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
104, 177, 192

Trichromacy



Original Color
95, 182, 159



Protanomaly
144, 171, 153



Deuteranomaly
150, 168, 162



Tritanomaly
101, 179, 180

Monochromacy



Original Color
95, 182, 159



Achromatopsia
153, 153, 153



Achromatomaly
132, 164, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 182, 159 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(95, 182, 159)` looks like.

```
.text, #text, p{  
    color:rgb(95, 182, 159)  
}
```

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(95, 182, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 182, 159) }
```

Border

The CSS property to change the border of an element to RGB 95, 182, 159 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(95, 182, 159) }
```

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

```
.border{ border-color:rgb(95, 182, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 182, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 182, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 182, 159);  
box-shadow:4px 4px 4px 4px rgb(95, 182,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 95, 182, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 182, 159) }
```

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

```
.background{ background-color: rgb(95, 182,  
159) }
```

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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