

Converting Colors

RGB(73, 171, 158)

Have a look what the booklet for
RGB(73, 171, 158) contains.

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Color

RGB(73, 171, 158)

Conversions

Conversions Part 1

Format	Color
Hex	49AB9E
RGB	73, 171, 158
RGB Percent	29%, 67%, 62%
CMY	0.7137, 0.3294, 0.3804
CMYK	0.57, 0.00, 0.08, 0.33
HSL	172°, 40%, 48%
HSV	172°, 57%, 67%
XYZ	23.4821, 33.0109, 37.4819
YIQ	140.2160, -54.2350, -24.8190

Conversions

Conversions Part 2

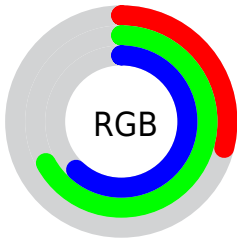
Format	Color
RYB	73, 125, 171
Decimal	4828062
CIELab	64.17, -31.82, -1.94
CIElCh	64, 31.879, 183.498
Yxy	33.0109, 0.2499, 0.3513
Android (android.graphics.Color)	4283018142 (0xFF49AB9E)
YUV	140.2160, 8.7675, -58.9484
Hunter-Lab	57.4551, -27.5929, 1.5397

Details

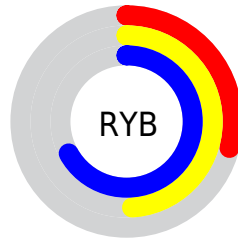
The RGB color **73, 171, 158** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **171, 73, 86**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **130, 227, 213**, and **0, 118, 107** is the 20% darker color. If you saturate the color by 10%, you get **56, 171, 156**, and if you desaturate by 10%, it is **90, 171, 160**.

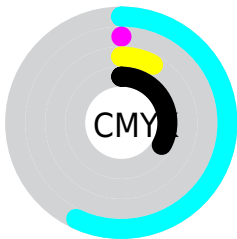
Distribution



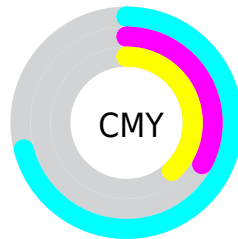
- Red (29%)
- Green (67%)
- Blue (62%)



- Red (29%)
- Yellow (49%)
- Blue (67%)



- Cyan (57%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)




- Cyan (71%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 73, 171, 158 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 73, 171, 158 by changing the saturation by 10% instead.

 73, 171, 158

255, 255, 255


 130, 227, 213


 159, 255, 241

 188, 255, 255


 217, 255, 255

 247, 255, 255

 73, 171, 158

 41, 144, 132

 0, 118, 107


 0, 93, 83


 0, 69, 60


 0, 46, 38


 0, 24, 17

 0, 0, 0

 73, 171, 158

 56, 171, 156

 73, 171, 158

 90, 171, 160

■ 39, 171, 153

■ 107, 171, 163

■ 22, 171, 151

■ 124, 171, 165

■ 5, 171, 149

■ 141, 171, 167

■ 0, 171, 148

■ 158, 171, 169

■ 176, 171, 172

■ 193, 171, 174

■ 210, 171, 176

■ 227, 171, 178

Harmonies

Analogous

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



107, 169, 129



73, 171, 158



53, 170, 186

Triad

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



73, 171, 158



164, 147, 203



196, 145, 105

Complementary

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



73, 171, 158



171, 73, 86

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, 137, 126



73, 171, 158



194, 138, 181

Square

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



73, 171, 158



122, 157, 212



210, 134, 153



172, 155, 98

Rectangle

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



73, 171, 158



65, 167, 200



210, 134, 153



202, 142, 111

Sweetspot

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



73, 171, 158



184, 222, 217



86, 171, 73



90, 112, 109



240, 240, 240



112, 112, 112

Same Dimension

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



73, 171, 158



69, 222, 202



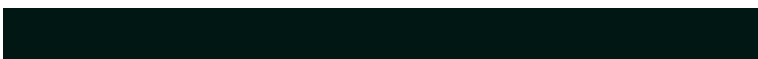
73, 135, 171



78, 87, 86



0, 150, 130



0, 23, 20

Inverse Universe

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



171, 73, 86



222, 69, 89



171, 109, 73



87, 78, 79



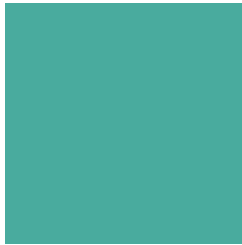
150, 0, 20



23, 0, 3

Previews

White Background



This preview shows how the RGB color 73, 171, 158 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 73, 171, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

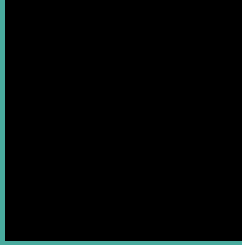
Any Text WCAG AA ✓ Pass

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 73, 171, 158 Background



This preview shows how black text looks on a background with the RGB color 73, 171, 158.

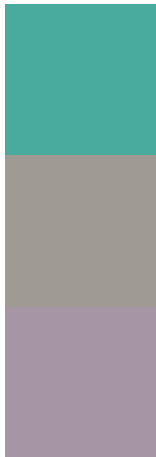


This preview shows how white text looks on a background with the RGB color 73, 171, 158.

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



Original Color
73, 171, 158

Protanopia
159, 154, 148

Deuteranopia
166, 150, 163



Tritanopia
82, 168, 181

Trichromacy



Original Color

73, 171, 158



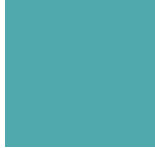
Protanomaly

128, 160, 152



Deuteranomaly

132, 158, 161



Tritanomaly

79, 169, 173

Monochromacy



Original Color

73, 171, 158



Achromatopsia

140, 140, 140



Achromatomaly

116, 151, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 73, 171, 158 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(73, 171, 158)` looks like.

```
.text, #text, p{  
    color:rgb(73, 171, 158)  
}
```

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(73, 171, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 171, 158) }
```

Border

The CSS property to change the border of an element to RGB 73, 171, 158 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(73, 171, 158) }
```

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

```
.border{ border-color:rgb(73, 171, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 171, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 171, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 171, 158);  
box-shadow:4px 4px 4px 4px rgb(73, 171,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 73, 171, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 171, 158) }
```

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

```
.background{ background-color: rgb(73, 171,  
158) }
```

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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