

Converting Colors

RGB(72, 180, 159)

Have a look what the booklet for
RGB(72, 180, 159) contains.

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Color

RGB(72, 180, 159)

Conversions

Conversions Part 1

Format	Color
Hex	48B49F
RGB	72, 180, 159
RGB Percent	28%, 71%, 62%
CMY	0.7176, 0.2941, 0.3765
CMYK	0.60, 0.00, 0.12, 0.29
HSL	168°, 43%, 49%
HSV	168°, 60%, 71%
XYZ	25.2518, 36.5234, 38.5197
YIQ	145.3140, -57.6270, -29.4270

Conversions

Conversions Part 2

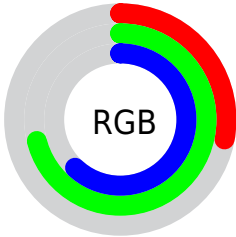
Format	Color
RYB	72, 132, 180
Decimal	4764831
CIELab	66.92, -35.97, 1.51
CIElCh	67, 36.006, 177.594
Yxy	36.5234, 0.2518, 0.3642
Android (android.graphics.Color)	4282954911 (0xFF48B49F)
YUV	145.3140, 6.7472, -64.2964
Hunter-Lab	60.4346, -31.1769, 4.5141

Details

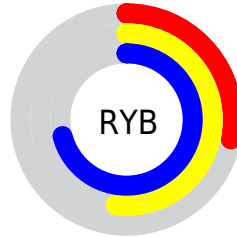
The RGB color **72, 180, 159** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **180, 72, 93**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **131, 236, 214**, and **0, 126, 108** is the 20% darker color. If you saturate the color by 10%, you get **54, 180, 155**, and if you desaturate by 10%, it is **90, 180, 163**.

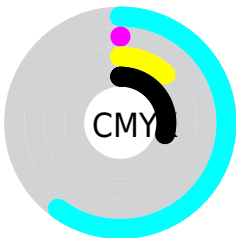
Distribution



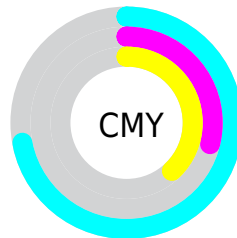
- Red (28%)
- Green (71%)
- Blue (62%)



- Red (28%)
- Yellow (52%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



















- Cyan (72%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 72, 180, 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 72, 180, 159 by changing the saturation by 10% instead.

 72, 180, 159	 72, 180, 159
 255, 255, 255	 38, 153, 133
 131, 236, 214	 0, 126, 108
 160, 255, 242	 0, 101, 83
 189, 255, 255	 0, 76, 60
 218, 255, 255	 0, 53, 39
 248, 255, 255	 0, 32, 18
	 0, 0, 0

 72, 180, 159	 72, 180, 159
 54, 180, 155	 90, 180, 163

■ 36, 180, 152

■ 108, 180, 166

■ 18, 180, 148

■ 126, 180, 170

■ 0, 180, 145

■ 144, 180, 173

■ 162, 180, 177

■ 180, 180, 180

■ 198, 180, 184

■ 216, 180, 187

■ 234, 180, 191

Harmonies

Analogous

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



115, 177, 127



72, 180, 159



29, 180, 192

Triad

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



72, 180, 159



163, 155, 220



212, 149, 109

Complementary

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



72, 180, 159



180, 72, 93

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.



225, 140, 134



72, 180, 159



201, 144, 198

Square

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



72, 180, 159



112, 167, 227



222, 138, 167



187, 160, 98

Rectangle

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



72, 180, 159



37, 177, 210



222, 138, 167



218, 145, 116

Sweetspot

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



72, 180, 159



192, 235, 226



94, 180, 72



91, 117, 112



245, 245, 245



117, 117, 117

Same Dimension

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



72, 180, 159



66, 235, 202



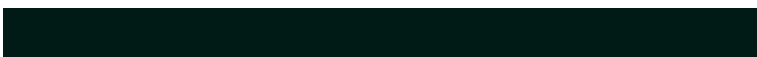
72, 148, 180



80, 89, 88



0, 153, 123



0, 26, 21

Inverse Universe

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



180, 72, 93



235, 66, 99



180, 104, 72



89, 80, 82



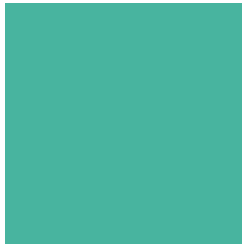
153, 0, 30



26, 0, 5

Previews

White Background



This preview shows how the RGB color 72, 180, 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 72, 180, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

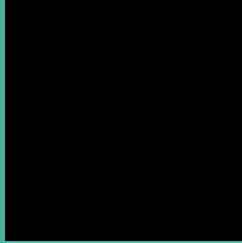
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

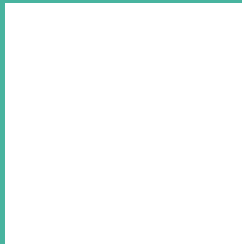
Any Text WCAG AAA ✓ Pass

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

RGB 72, 180, 159 Background



This preview shows how black text looks on a background with the RGB color 72, 180, 159.

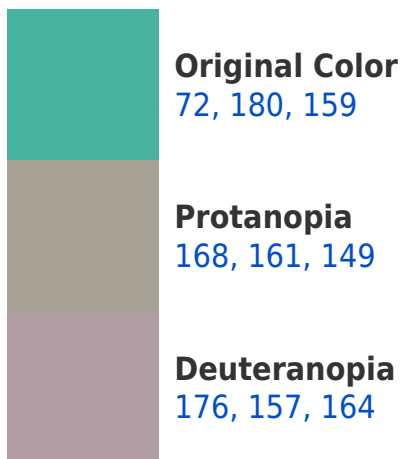


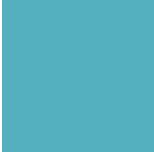
This preview shows how white text looks on a background with the RGB color 72, 180, 159.

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
84, 176, 190

Trichromacy



Original Color

72, 180, 159



Protanomaly

133, 168, 153



Deuteranomaly

138, 165, 162



Tritanomaly

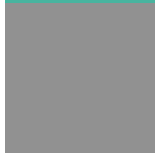
80, 177, 179

Monochromacy



Original Color

72, 180, 159



Achromatopsia

145, 145, 145



Achromatomaly

118, 158, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 72, 180, 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(72, 180, 159)` looks like.

```
.text, #text, p{  
    color:rgb(72, 180, 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(72, 180, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 180, 159) }
```

Border

The CSS property to change the border of an element to RGB 72, 180, 159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

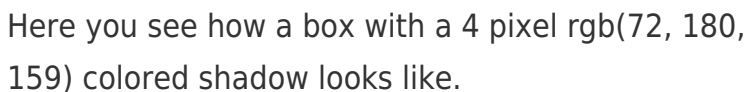
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(72, 180, 159) }
```

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

```
.border{ border-color:rgb(72, 180, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(72, 180, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 180, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 180, 159);  
box-shadow:4px 4px 4px 4px rgb(72, 180,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 72, 180, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 180, 159) }
```

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

```
.background{ background-color: rgb(72, 180,  
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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