

Converting Colors

RGB(90, 173, 180)

Have a look what the booklet for
RGB(90, 173, 180) contains.

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Color

RGB(90, 173, 180)

Conversions

Conversions Part 1

Format	Color
Hex	5AADB4
RGB	90, 173, 180
RGB Percent	35%, 68%, 71%
CMY	0.6471, 0.3216, 0.2941
CMYK	0.50, 0.04, 0.00, 0.29
HSL	185°, 38%, 53%
HSV	185°, 50%, 71%
XYZ	27.3982, 35.3561, 48.5604
YIQ	148.9810, -51.7150, -15.4190

Conversions

Conversions Part 2

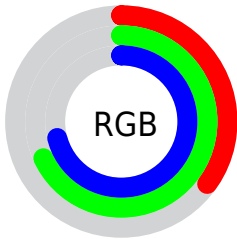
Format	Color
RYB	90, 133, 180
Decimal	5942708
CIELab	66.02, -23.26, -11.38
CIELCh	66, 25.899, 206.072
Yxy	35.3561, 0.2461, 0.3176
Android (android.graphics.Color)	4284132788 (0xFF5AADB4)
YUV	148.9810, 15.2924, -51.7263
Hunter-Lab	59.4610, -21.8081, -6.7981

Details

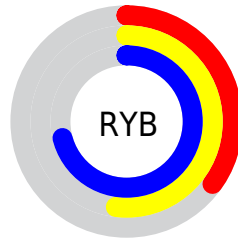
The RGB color **90, 173, 180** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **180, 97, 90**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **146, 229, 236**, and **27, 120, 127** is the 20% darker color. If you saturate the color by 10%, you get **72, 172, 180**, and if you desaturate by 10%, it is **108, 174, 180**.

Distribution



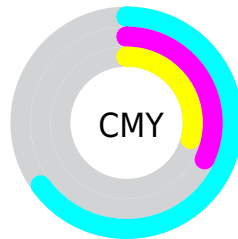
- Red (35%)
- Green (68%)
- Blue (71%)



- Red (35%)
- Yellow (52%)
- Blue (71%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)




- Cyan (65%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 173, 180 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 90, 173, 180 by changing the saturation by 10% instead.

 90, 173, 180


255, 255, 255


 146, 229, 236


 175, 255, 255

 204, 255, 255

 233, 255, 255

 90, 173, 180

 61, 146, 153

 27, 120, 127

 0, 95, 102


 0, 71, 78


 0, 48, 55

 0, 29, 34

 0, 0, 11

 0, 0, 0

 90, 173, 180

 90, 173, 180

■ 72, 172, 180

■ 108, 174, 180

■ 54, 170, 180

■ 126, 176, 180

■ 36, 169, 180

■ 144, 177, 180

■ 18, 167, 180

■ 162, 179, 180

■ 0, 166, 180

■ 180, 180, 180

■ 198, 181, 180

■ 216, 183, 180

■ 234, 184, 180

■ 252, 186, 180

Harmonies

Analogous

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



104, 173, 156



90, 173, 180



99, 170, 198

Triad

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



90, 173, 180



187, 148, 187



180, 158, 114

Complementary

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



90, 173, 180



180, 97, 90

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.



198, 150, 123



90, 173, 180



204, 144, 164

Square

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



90, 173, 180



160, 156, 202



207, 145, 141



156, 165, 118

Rectangle

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



90, 173, 180



116, 166, 205



207, 145, 141



187, 155, 116

Sweetspot

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



90, 173, 180



199, 232, 235



90, 180, 96



96, 116, 117



245, 245, 245



117, 117, 117

Same Dimension

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



90, 173, 180



94, 224, 235



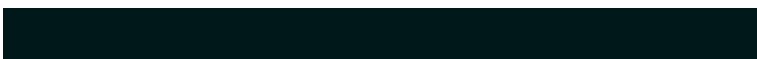
90, 129, 180



80, 89, 89



0, 141, 153



0, 24, 26

Inverse Universe

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



180, 90, 173



235, 94, 224



180, 141, 90



89, 80, 89



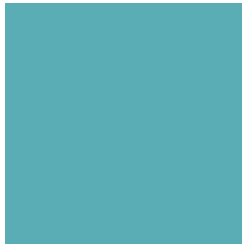
153, 0, 141



26, 0, 24

Previews

White Background



This preview shows how the RGB color 90, 173, 180 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 90, 173, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

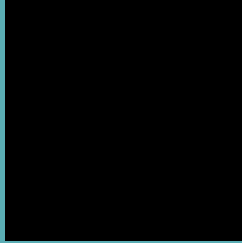
Any Text WCAG AA ✓ Pass

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 90, 173, 180 Background



This preview shows how black text looks on a background with the RGB color 90, 173, 180.

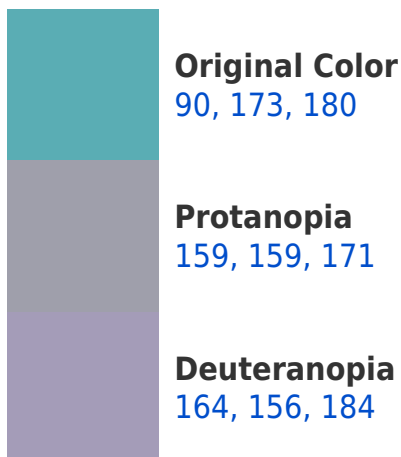


This preview shows how white text looks on a background with the RGB color 90, 173, 180.

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
92, 172, 186

Trichromacy



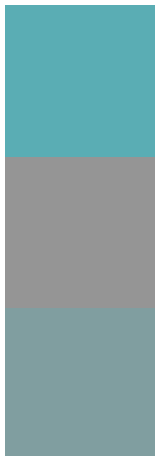
Original Color
90, 173, 180

Protanomaly
134, 164, 174

Deuteranomaly
137, 162, 183

Tritanomaly
91, 172, 184

Monochromacy



Original Color
90, 173, 180

Achromatopsia
149, 149, 149

Achromatomaly
128, 158, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 173, 180 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(90, 173, 180)` looks like.

```
.text, #text, p{  
    color:rgb(90, 173, 180)  
}
```

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(90, 173, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 173, 180) }
```

Border

The CSS property to change the border of an element to RGB 90, 173, 180 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(90, 173, 180) }
```

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

```
.border{ border-color:rgb(90, 173, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 173, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 173, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 173, 180);  
box-shadow:4px 4px 4px 4px rgb(90, 173,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 90, 173, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 173, 180) }
```

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

```
.background{ background-color: rgb(90, 173,  
180) }
```

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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