

Converting Colors

RGB(90, 168, 173)

Have a look what the booklet for
RGB(90, 168, 173) contains.

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Color

RGB(90, 168, 173)

Conversions

Conversions Part 1

Format	Color
Hex	5AA8AD
RGB	90, 168, 173
RGB Percent	35%, 66%, 68%
CMY	0.6471, 0.3412, 0.3216
CMYK	0.48, 0.03, 0.00, 0.32
HSL	184°, 34%, 52%
HSV	184°, 48%, 68%
XYZ	25.7619, 33.1961, 44.5848
YIQ	145.2480, -48.0930, -14.9810

Conversions

Conversions Part 2

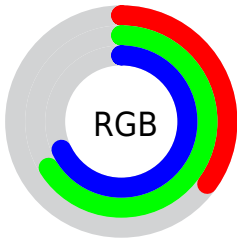
Format	Color
RYB	90, 130, 173
Decimal	5941421
CIELab	64.32, -22.62, -10.03
CIELCh	64, 24.748, 203.919
Yxy	33.1961, 0.2488, 0.3206
Android (android.graphics.Color)	4284131501 (0xFF5AA8AD)
YUV	145.2480, 13.6817, -48.4525
Hunter-Lab	57.6160, -21.0151, -5.5490

Details

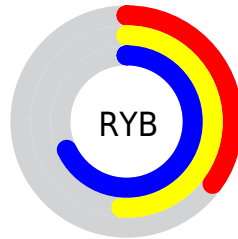
The RGB color **90, 168, 173** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **173, 95, 90**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **146, 223, 228**, and **30, 116, 121** is the 20% darker color. If you saturate the color by 10%, you get **73, 167, 173**, and if you desaturate by 10%, it is **107, 169, 173**.

Distribution



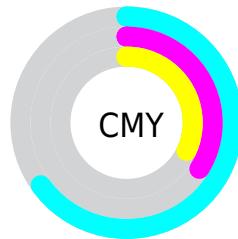
- Red (35%)
- Green (66%)
- Blue (68%)



- Red (35%)
- Yellow (51%)
- Blue (68%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (32%)




- Cyan (65%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 168, 173 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, 168, 173 by changing the saturation by 10% instead.

 90, 168, 173


255, 255, 255


 146, 223, 228


 174, 252, 255


 202, 255, 255

 232, 255, 255

 90, 168, 173

 62, 141, 146

 30, 116, 121

 0, 91, 96


 0, 67, 72


 0, 44, 50

 0, 25, 29

 0, 0, 1

 0, 0, 0

 90, 168, 173

 90, 168, 173

■ 73, 167, 173

■ 107, 169, 173

■ 55, 166, 173

■ 125, 170, 173

■ 38, 165, 173

■ 142, 171, 173

■ 21, 164, 173

■ 159, 172, 173

■ 4, 163, 173

■ 177, 173, 173

■ 0, 163, 173

■ 194, 174, 173

■ 211, 175, 173

■ 228, 176, 173

■ 246, 177, 173

Harmonies

Analogous

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



104, 168, 150



90, 168, 173



97, 165, 191

Triad

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



90, 168, 173



180, 145, 182



176, 153, 112

Complementary

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



90, 168, 173



173, 95, 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.



193, 146, 121



90, 168, 173



197, 140, 161

Square

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



90, 168, 173



153, 152, 196



201, 141, 139



153, 160, 115

Rectangle

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



90, 168, 173



112, 162, 198



201, 141, 139



183, 150, 114

Sweetspot

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



90, 168, 173



193, 223, 224



90, 173, 94



93, 111, 112



240, 240, 240



112, 112, 112

Same Dimension

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



90, 168, 173



94, 217, 224



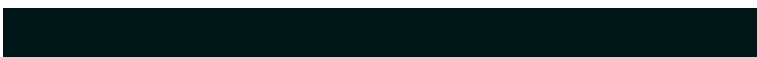
90, 127, 173



78, 86, 87



0, 141, 150



0, 22, 23

Inverse Universe

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



173, 90, 168



224, 94, 217



173, 136, 90



87, 78, 86



150, 0, 141



23, 0, 22

Previews

White Background



This preview shows how the RGB color 90, 168, 173 looks on a white background.

Color Contrast Check

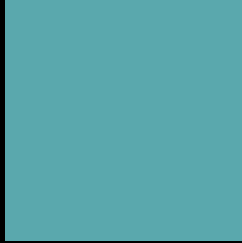
Large Text (above 18pt) WCAG AA × Fail

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, 168, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

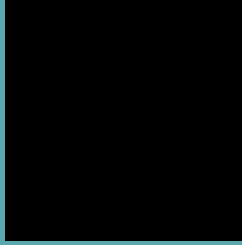
Any Text WCAG AA ✓ Pass

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, 168, 173 Background



This preview shows how black text looks on a background with the RGB color 90, 168, 173.

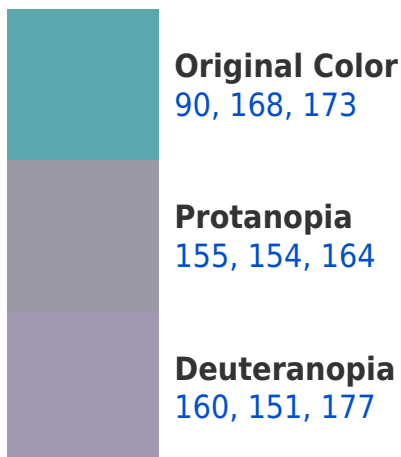


This preview shows how white text looks on a background with the RGB color 90, 168, 173.

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, 167, 180

Trichromacy



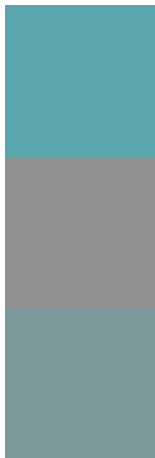
Original Color
90, 168, 173

Protanomaly
131, 159, 167

Deuteranomaly
135, 157, 176

Tritanomaly
91, 167, 177

Monochromacy



Original Color
90, 168, 173

Achromatopsia
145, 145, 145

Achromatomaly
125, 153, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 168, 173 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, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(90, 168, 173)  
}
```

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, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 168, 173) }
```

Border

The CSS property to change the border of an element to RGB 90, 168, 173 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, 168, 173) }
```

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

```
.border{ border-color:rgb(90, 168, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 168, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(90, 168,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 90, 168, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 168, 173) }
```

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

```
.background{ background-color: rgb(90, 168,  
173) }
```

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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