

Converting Colors

RGB(90, 162, 162)

Have a look what the booklet for
RGB(90, 162, 162) contains.

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Color

RGB(90, 162, 162)

Conversions

Conversions Part 1

Format	Color
Hex	5AA2A2
RGB	90, 162, 162
RGB Percent	35%, 64%, 64%
CMY	0.6471, 0.3647, 0.3647
CMYK	0.44, 0.00, 0.00, 0.36
HSL	180°, 29%, 49%
HSV	180°, 44%, 64%
XYZ	23.6584, 30.6230, 38.8463
YIQ	140.4720, -42.9120, -15.2640

Conversions

Conversions Part 2

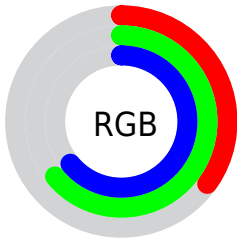
Format	Color
RYB	90, 126, 162
Decimal	5939874
CIELab	62.19, -22.49, -7.04
CIELCh	62, 23.571, 197.383
Yxy	30.6230, 0.2540, 0.3288
Android (android.graphics.Color)	4284129954 (0xFF5AA2A2)
YUV	140.4720, 10.6133, -44.2639
Hunter-Lab	55.3380, -20.5284, -2.8839

Details

The RGB color **90, 162, 162** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **162, 90, 90**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **145, 217, 217**, and **33, 110, 110** is the 20% darker color. If you saturate the color by 10%, you get **74, 162, 162**, and if you desaturate by 10%, it is **106, 162, 162**.

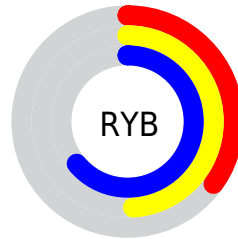
Distribution



Red (35%)

Green (64%)

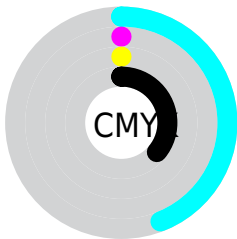
Blue (64%)



Red (35%)

Yellow (49%)

Blue (64%)

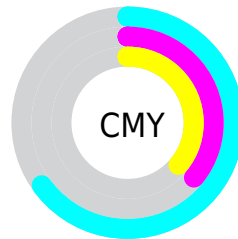


Cyan (44%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (65%)


Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 162, 162 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, 162, 162 by changing the saturation by 10% instead.

 90, 162, 162


255, 255, 255


 145, 217, 217


 172, 246, 245

 201, 255, 255

 230, 255, 255

 90, 162, 162


 63, 136, 136

 33, 110, 110


 0, 85, 86


 0, 62, 63


 0, 40, 41


 0, 15, 21

 0, 0, 0

 90, 162, 162

 74, 162, 162

 90, 162, 162

 106, 162, 162

■ 58, 162, 162

■ 122, 162, 162

■ 41, 162, 162

■ 139, 162, 162

■ 25, 162, 162

■ 155, 162, 162

■ 9, 162, 162

■ 171, 162, 162

■ 0, 162, 162

■ 187, 162, 162

■ 203, 162, 162

■ 220, 162, 162

■ 236, 162, 162

Harmonies

Analogous

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



106, 161, 140



90, 162, 162



91, 160, 180

Triad

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



90, 162, 162



168, 141, 179



174, 146, 110

Complementary

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



90, 162, 162



162, 90, 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.



188, 139, 120



90, 162, 162



186, 136, 160

Square

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



90, 162, 162



142, 148, 190



193, 135, 139



153, 153, 110

Rectangle

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



90, 162, 162



104, 157, 188



193, 135, 139



179, 144, 112

Sweetspot

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



90, 162, 162



184, 212, 212



90, 162, 90



90, 107, 107



235, 235, 235



107, 107, 107

Same Dimension

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



90, 162, 162



99, 212, 212



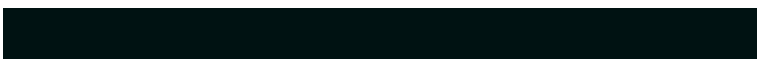
90, 126, 162



73, 82, 82



0, 145, 145



0, 18, 18

Inverse Universe

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



162, 90, 162



212, 99, 212



162, 126, 90



82, 73, 82



145, 0, 145



18, 0, 18

Previews

White Background



This preview shows how the RGB color 90, 162, 162 looks on a white background.

Color Contrast Check

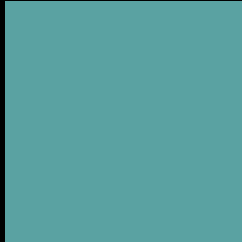
Large Text (above 18pt) WCAG AA × Fail

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, 162, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

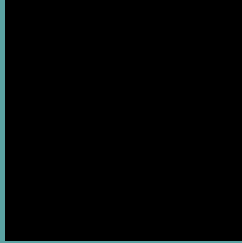
Any Text WCAG AA ✓ Pass

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, 162, 162 Background



This preview shows how black text looks on a background with the RGB color 90, 162, 162.

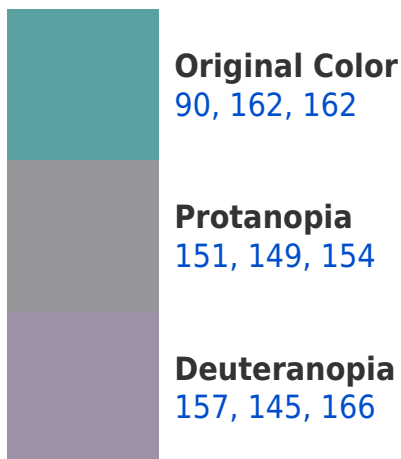


This preview shows how white text looks on a background with the RGB color 90, 162, 162.

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
93, 160, 173

Trichromacy



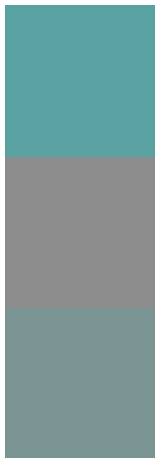
Original Color
90, 162, 162

Protanomaly
129, 154, 157

Deuteranomaly
133, 151, 165

Tritanomaly
92, 161, 169

Monochromacy



Original Color
90, 162, 162

Achromatopsia
140, 140, 140

Achromatomaly
122, 148, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 162, 162 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, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(90, 162, 162)  
}
```

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, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 162, 162) }
```

Border

The CSS property to change the border of an element to RGB 90, 162, 162 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, 162, 162) }
```

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

```
.border{ border-color:rgb(90, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(90, 162,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 90, 162, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 162, 162) }
```

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

```
.background{ background-color: rgb(90, 162,  
162) }
```

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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