

Converting Colors

RGB(66, 173, 190)

Have a look what the booklet for
RGB(66, 173, 190) contains.

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Color

RGB(66, 173, 190)

Conversions

Conversions Part 1

Format	Color
Hex	42ADBE
RGB	66, 173, 190
RGB Percent	26%, 68%, 75%
CMY	0.7412, 0.3216, 0.2549
CMYK	0.65, 0.09, 0.00, 0.25
HSL	188°, 49%, 50%
HSV	188°, 65%, 75%
XYZ	26.4846, 34.7631, 54.0293
YIQ	142.9450, -69.2290, -17.3970

Conversions

Conversions Part 2

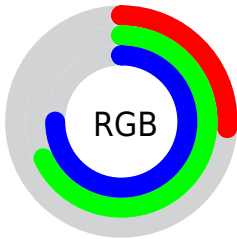
Format	Color
RYB	66, 123, 190
Decimal	4369854
CIELab	65.56, -24.99, -17.71
CIELCh	66, 30.629, 215.327
Yxy	34.7631, 0.2297, 0.3016
Android (android.graphics.Color)	4282559934 (0xFF42ADBE)
YUV	142.9450, 23.1981, -67.4808
Hunter-Lab	58.9602, -22.9992, -13.0593

Details

The RGB color **66, 173, 190** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **190, 83, 66**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **128, 229, 246**, and **0, 120, 137** is the 20% darker color. If you saturate the color by 10%, you get **47, 170, 190**, and if you desaturate by 10%, it is **85, 176, 190**.

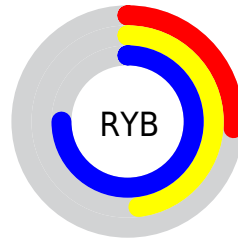
Distribution



Red (26%)

Green (68%)

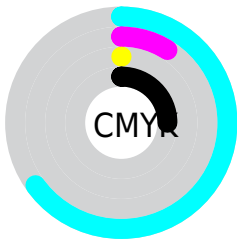
Blue (75%)



Red (26%)

Yellow (48%)

Blue (75%)

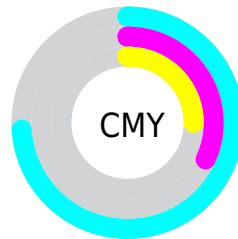


Cyan (65%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (74%)


Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 66, 173, 190 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 66, 173, 190 by changing the saturation by 10% instead.

 66, 173, 190

255, 255, 255


 128, 229, 246


 157, 255, 255

 187, 255, 255

 217, 255, 255

 247, 255, 255

 66, 173, 190

 25, 146, 163


 0, 120, 137

 0, 95, 111


 0, 71, 87


 0, 48, 63

 0, 29, 41

 0, 1, 21

 0, 0, 0

 66, 173, 190

 66, 173, 190

■ 47, 170, 190

■ 85, 176, 190

■ 28, 168, 190

■ 104, 178, 190

■ 9, 165, 190

■ 123, 181, 190

■ 0, 164, 190

■ 142, 183, 190

■ 161, 186, 190

■ 180, 189, 190

■ 199, 191, 190

■ 218, 194, 190

■ 237, 196, 190

Harmonies

Analogous

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



80, 174, 163



66, 173, 190



89, 168, 208

Triad

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



66, 173, 190



198, 142, 183



173, 159, 104

Complementary

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



66, 173, 190



190, 83, 66

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.



197, 150, 110



66, 173, 190



213, 138, 155

Square

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



66, 173, 190



169, 150, 204



212, 142, 129



144, 167, 114

Rectangle

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



66, 173, 190



116, 163, 213



212, 142, 129



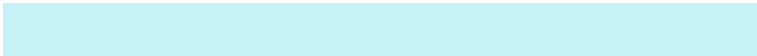
182, 156, 105

Sweetspot

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



66, 173, 190



198, 241, 247



66, 190, 83



95, 121, 125



252, 252, 252



125, 125, 125

Same Dimension

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



66, 173, 190



54, 221, 247



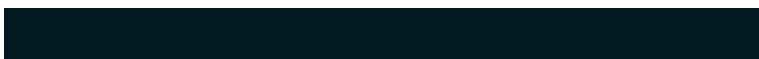
66, 111, 190



85, 93, 94



0, 136, 158



0, 26, 31

Inverse Universe

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



190, 66, 173



247, 54, 221



190, 145, 66



94, 85, 93



158, 0, 136



31, 0, 26

Previews

White Background



This preview shows how the RGB color 66, 173, 190 looks on a white background.

Color Contrast Check

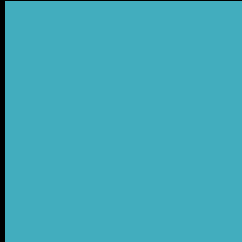
Large Text (above 18pt) WCAG AA × Fail

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 66, 173, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

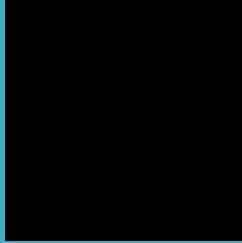
Any Text WCAG AA ✓ Pass

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 66, 173, 190 Background



This preview shows how black text looks on a background with the RGB color 66, 173, 190.

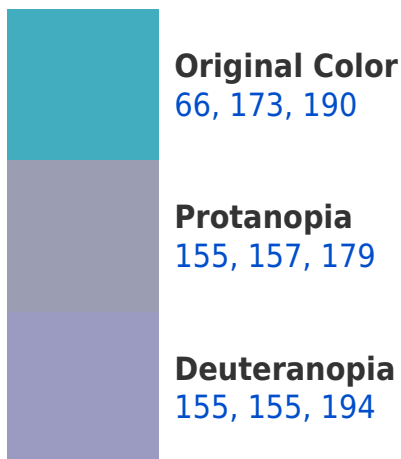


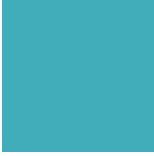
This preview shows how white text looks on a background with the RGB color 66, 173, 190.

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
65, 173, 187

Trichromacy



Original Color

66, 173, 190



Protanomaly

123, 163, 183



Deuteranomaly

123, 162, 193



Tritanomaly

65, 173, 188

Monochromacy



Original Color

66, 173, 190



Achromatopsia

143, 143, 143



Achromatomaly

115, 154, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 66, 173, 190 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(66, 173, 190)` looks like.

```
.text, #text, p{  
    color:rgb(66, 173, 190)  
}
```

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(66, 173, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 173, 190) }
```

Border

The CSS property to change the border of an element to RGB 66, 173, 190 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(66, 173, 190) }
```

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

```
.border{ border-color:rgb(66, 173, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 173, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 173, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 173, 190);  
box-shadow:4px 4px 4px 4px rgb(66, 173,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 66, 173, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 173, 190) }
```

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

```
.background{ background-color: rgb(66, 173,  
190) }
```

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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