

Converting Colors

RGB(66, 166, 159)

Have a look what the booklet for
RGB(66, 166, 159) contains.

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Color

RGB(66, 166, 159)

Conversions

Conversions Part 1

Format	Color
Hex	42A69F
RGB	66, 166, 159
RGB Percent	26%, 65%, 62%
CMY	0.7412, 0.3490, 0.3765
CMYK	0.60, 0.00, 0.04, 0.35
HSL	176°, 43%, 45%
HSV	176°, 60%, 65%
XYZ	22.1410, 30.9339, 37.6048
YIQ	135.3020, -57.3530, -23.3770

Conversions

Conversions Part 2

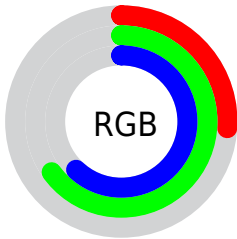
Format	Color
RYB	66, 118, 166
Decimal	4368031
CIELab	62.45, -30.50, -5.06
CIElCh	62, 30.922, 189.418
Yxy	30.9339, 0.2442, 0.3411
Android (android.graphics.Color)	4282558111 (0xFF42A69F)
YUV	135.3020, 11.6831, -60.7779
Hunter-Lab	55.6182, -26.2731, -1.1546

Details

The RGB color **66, 166, 159** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **166, 66, 73**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **124, 222, 214**, and **0, 113, 108** is the 20% darker color. If you saturate the color by 10%, you get **49, 166, 158**, and if you desaturate by 10%, it is **83, 166, 160**.

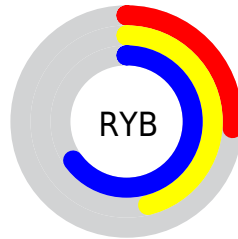
Distribution



Red (26%)

Green (65%)

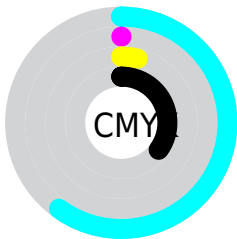
Blue (62%)



Red (26%)

Yellow (46%)

Blue (65%)

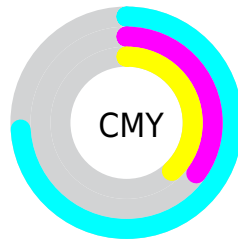


Cyan (60%)

Magenta (0%)

Yellow (4%)

Black (35%)



Cyan (74%)


Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 66, 166, 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 66, 166, 159 by changing the saturation by 10% instead.

 66, 166, 159

255, 255, 255


 124, 222, 214


 153, 250, 242


 182, 255, 255


 211, 255, 255


 241, 255, 255

 66, 166, 159


 31, 139, 133

 0, 113, 108


 0, 89, 84


 0, 65, 60


 0, 42, 39


 0, 16, 19

 0, 0, 0

 66, 166, 159

 49, 166, 158

 66, 166, 159

 83, 166, 160

■ 33, 166, 157

■ 99, 166, 161

■ 16, 166, 156

■ 116, 166, 162

■ 0, 166, 154

■ 132, 166, 164

■ 149, 166, 165

■ 166, 166, 166

■ 182, 166, 167

■ 199, 166, 168

■ 215, 166, 169

Harmonies

Analogous

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



98, 164, 131



66, 166, 159



54, 164, 185

Triad

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



66, 166, 159



166, 141, 193



186, 143, 100

Complementary

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



66, 166, 159



166, 66, 73

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.



202, 134, 117



66, 166, 159



193, 133, 171

Square

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



66, 166, 159



127, 151, 205



205, 130, 143



161, 152, 96

Rectangle

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



66, 166, 159



71, 161, 197



205, 130, 143



192, 140, 105

Sweetspot

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



66, 166, 159



178, 217, 214



74, 166, 66



86, 110, 108



237, 237, 237



110, 110, 110

Same Dimension

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



66, 166, 159



61, 217, 206



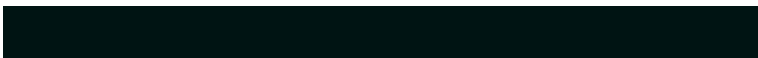
66, 124, 166



76, 84, 84



0, 148, 138



0, 20, 19

Inverse Universe

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



166, 66, 73



217, 61, 72



166, 108, 66



84, 76, 76



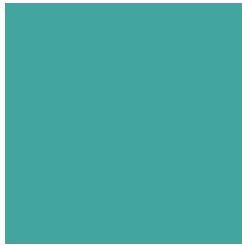
148, 0, 10



20, 0, 1

Previews

White Background



This preview shows how the RGB color 66, 166, 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 66, 166, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

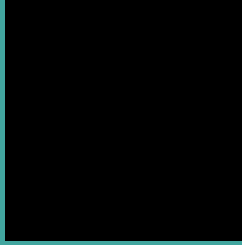
Any Text WCAG AA ✓ Pass

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 66, 166, 159 Background



This preview shows how black text looks on a background with the RGB color 66, 166, 159.

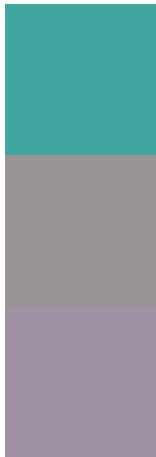


This preview shows how white text looks on a background with the RGB color 66, 166, 159.

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



Original Color
66, 166, 159

Protanopia
153, 149, 149

Deuteranopia
158, 146, 163



Tritanopia
73, 163, 177

Trichromacy



Original Color
66, 166, 159



Protanomaly
121, 155, 153



Deuteranomaly
125, 153, 162



Tritanomaly
70, 164, 170

Monochromacy



Original Color
66, 166, 159



Achromatopsia
135, 135, 135



Achromatomaly
110, 146, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 66, 166, 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(66, 166, 159)` looks like.

```
.text, #text, p{  
    color:rgb(66, 166, 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(66, 166, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 166, 159) }
```

Border

The CSS property to change the border of an element to RGB 66, 166, 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(66, 166, 159) }
```

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

```
.border{ border-color:rgb(66, 166, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 166, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 166, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 166, 159);  
box-shadow:4px 4px 4px 4px rgb(66, 166,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 66, 166, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 166, 159) }
```

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

```
.background{ background-color: rgb(66, 166,  
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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