

# Converting Colors

Hex(60AFAA)

Have a look what the booklet for  
Hex(60AFAA) contains.

|                                                |    |
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**Color**

**Hex(60AFAA)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 60AFAA                       |
| RGB         | 96, 175, 170                 |
| RGB Percent | 38%, 69%, 67%                |
| CMY         | 0.6235, 0.3137, 0.3333       |
| CMYK        | 0.45, 0.00, 0.03, 0.31       |
| HSL         | 176°, 33%, 53%               |
| HSV         | 176°, 45%, 69%               |
| XYZ         | 27.4095, 36.0490, 43.5437    |
| YIQ         | 150.8090, -45.4790, -18.3030 |

# Conversions

## Conversions Part 2

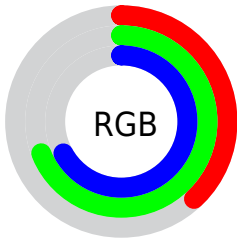
| Format                              | Color                                                        |
|-------------------------------------|--------------------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">96, 137, 175</a>                                 |
| Decimal                             | <a href="#">6336426</a>                                      |
| CIELab                              | <a href="#">66.56, -25.51, -5.01</a>                         |
| CIElCh                              | <a href="#">67, 26.001, 191.110</a>                          |
| Yxy                                 | <a href="#">36.0490, 0.2562, 0.3369</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4284526506</a><br>( <a href="#">0xFF60AFAA</a> ) |
| YUV                                 | <a href="#">150.8090, 9.4612, -48.0675</a>                   |
| Hunter-Lab                          | <a href="#">60.0408, -23.5835, -0.9706</a>                   |

# Details

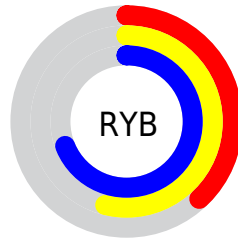
The Hex color **60AFAA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF6065**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **97E7E1**, and **277A76** is the 20% darker color. If you saturate the color by 10%, you get **4EAF A9**, and if you desaturate by 10%, it is **72AFAB**.

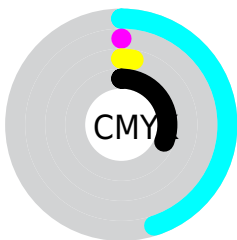
# Distribution



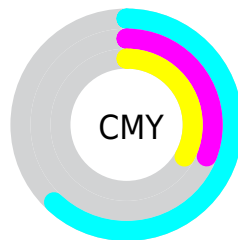
- Red (38%)
- Green (69%)
- Blue (67%)



- Red (38%)
- Yellow (54%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (62%)
- Magenta (31%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60AFAA 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 Hex color 60AFAA by changing the saturation by 10% instead.



 60AFAA

 60AFAA

FFFFFF

 449490

 97E7E1

 277A76

 B3FFFE

 00615D

 D0FFFF

 004946

 EDFFFF

 003230

 001F1B

 000000

 60AFAA

 60AFAA

 4EAFA9

 72AFAB

3DAFA8

83AFAC

2CAFA7

94AFAD

1AAFA6

A6AFAE

09AFA4

B8AFB0

00AFA4

C9AFB1

DBAFB2

ECAFB3

FEAFB4

# Harmonies

## Analogous

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



75AE92



60AFAA



5CADC0

# Triad

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



60AFAA



B099C5



C09B76

# Complementary

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



60AFAA



AF6065

# 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.



CE9484



60AFAA



C793B2

# Square

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



60AFAA



91A1CF



D1919A



AAA374

# Rectangle

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



60AFAA



68AACA



D1919A



C6997A



# Sweetspot

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



60AFAA



C3E3E1



65AF60



5F7372



F2F2F2



737373



# Same Dimension

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



60AFAA



68E3DB



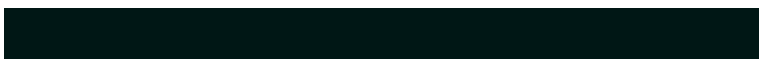
608DAF



4E5756



00968D



001715



# Inverse Universe

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



AF6065



E36870



AF8260



574E4F



96000A

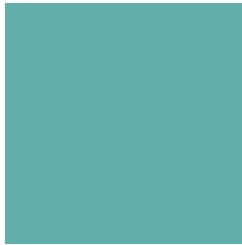


170001



# Previews

## White Background



This preview shows how the Hex color 60AFAA looks on a white background.

## Color Contrast Check

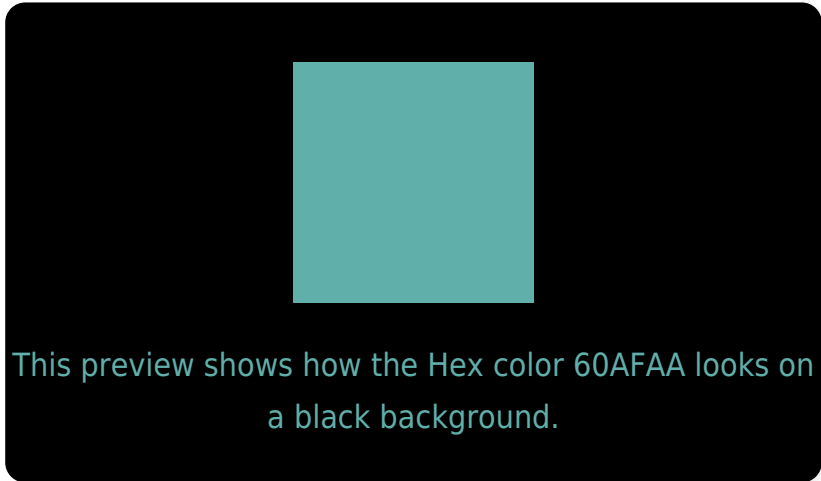
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex 60AFAA Background



This preview shows how black text looks on a background with the Hex color 60AFAA.

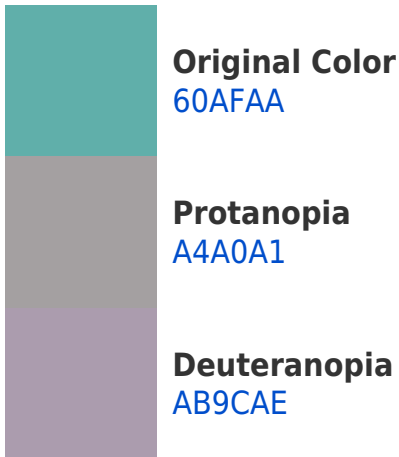


This preview shows how white text looks on a background with the Hex color 60AFAA.

# Color Blindness Simulation

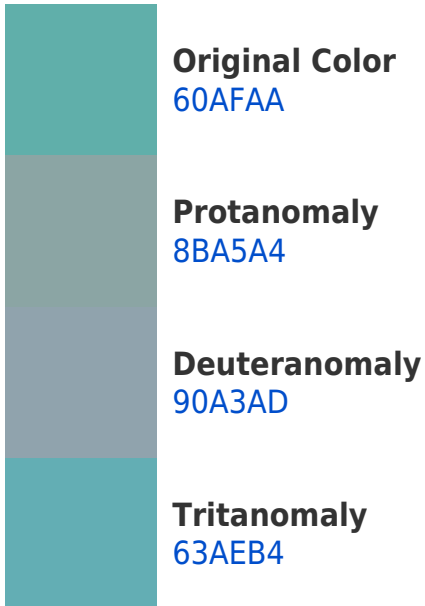
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

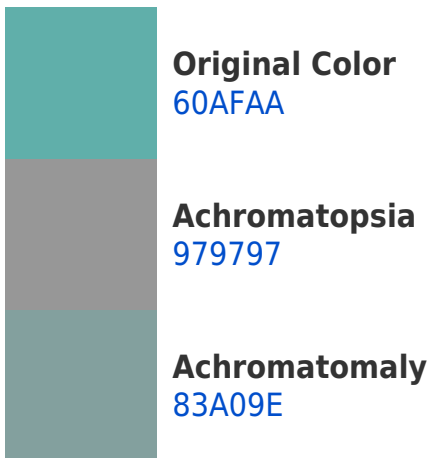




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60AFAA 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 #60AFAA looks like.

```
.text, #text, p{  
    color:#60AFAA  
}
```

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 #60AFAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60AFAA
}
```

## Border

The CSS property to change the border of an element to Hex 60AFAA 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
#60AFAA }
```

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

```
.border{ border-color:#60AFAA }
```

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

Here you see how a box with a 4 pixel #60AFAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60AFAA; -webkit-box-shadow:4px 4px  
4px 4px #60AFAA; box-shadow:4px 4px 4px  
4px #60AFAA }
```

# Background

The CSS property to change the background color of an element to Hex 60AFAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60AFAA }
```

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

```
.background{ background-color:#60AFAA }
```

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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