

# Converting Colors

Hex(60A4AF)

Have a look what the booklet for  
Hex(60A4AF) contains.

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# **Color**

**Hex(60A4AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60A4AF
RGB	96, 164, 175
RGB Percent	38%, 64%, 69%
CMY	0.6235, 0.3569, 0.3137
CMYK	0.45, 0.06, 0.00, 0.31
HSL	188°, 33%, 53%
HSV	188°, 45%, 69%
XYZ	25.8372, 32.1329, 45.3979
YIQ	144.9220, -44.0590, -10.9950

# Conversions

## Conversions Part 2

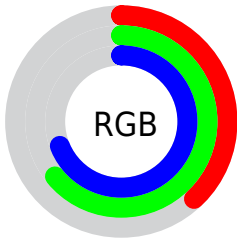
Format	Color
<b>RYB</b>	96, 133, 175
Decimal	6333615
CIELab	63.45, -18.57, -12.43
CIElCh	63, 22.345, 213.786
Yxy	32.1329, 0.2500, 0.3109
Android (android.graphics.Color)	4284523695 (0xFF60A4AF)
YUV	144.9220, 14.8285, -42.9046
Hunter-Lab	56.6859, -17.8406, -7.8034

# Details

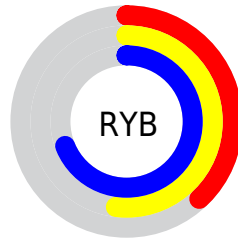
The Hex color **60A4AF** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF6B60**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **97DBE7**, and **28707B** is the 20% darker color. If you saturate the color by 10%, you get **4EA2AF**, and if you desaturate by 10%, it is **72A6AF**.

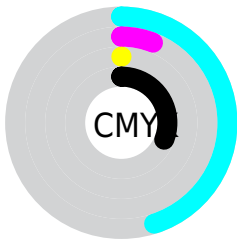
# Distribution



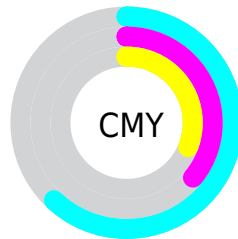
- Red (38%)
- Green (64%)
- Blue (69%)



- Red (38%)
- Yellow (52%)
- Blue (69%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (62%)
- Magenta (36%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60A4AF 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 60A4AF by changing the saturation by 10% instead.



■ 60A4AF

■ 60A4AF

FFFFFF

■ 458A94

■ 97DBE7

■ 28707B

■ B3F8FF

■ 005762

■ CFFFFFF

■ 00404A

■ EDFFFF

■ 002A33

■ 00151E

■ 000003

■ 000000

■ 60A4AF

■ 60A4AF

■ 4EA2AF

■ 72A6AF

■ 3D9FAF

■ 83A9AF

■ 2C9DAF

■ 94ABAF

■ 1A9AAF

■ A6AEAF

■ 0998AF

■ B8B0AF

■ 0097AF

■ C9B3AF

■ DBB5AF

■ ECB7AF

■ FEBAAF

# Harmonies

## Analogous

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



67A59C



60A4AF



6CA0BD

# Triad

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



60A4AF



B68EAC



A69972

# Complementary

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



60A4AF



AF6B60

# 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.



B79277



60A4AF



C18B98

# Square

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



60A4AF



A094BB



C18D84



909F78

# Rectangle

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



60A4AF



7C9DC1



C18D84



AC9772



# Sweetspot

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



60A4AF



C3DFE3



60AF6B



5F7073



F2F2F2



737373



# Same Dimension

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



60A4AF



68D2E3



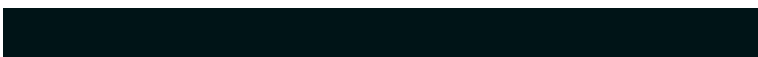
607DAF



4E5557



008296



001417



# Inverse Universe

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



AF60A4



E368D2



AF9260



574E55



960082

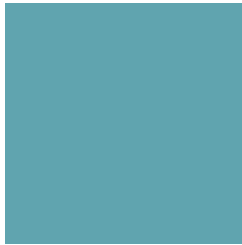


170014



# Previews

## White Background



This preview shows how the Hex color 60A4AF looks on a white background.

## Color Contrast Check

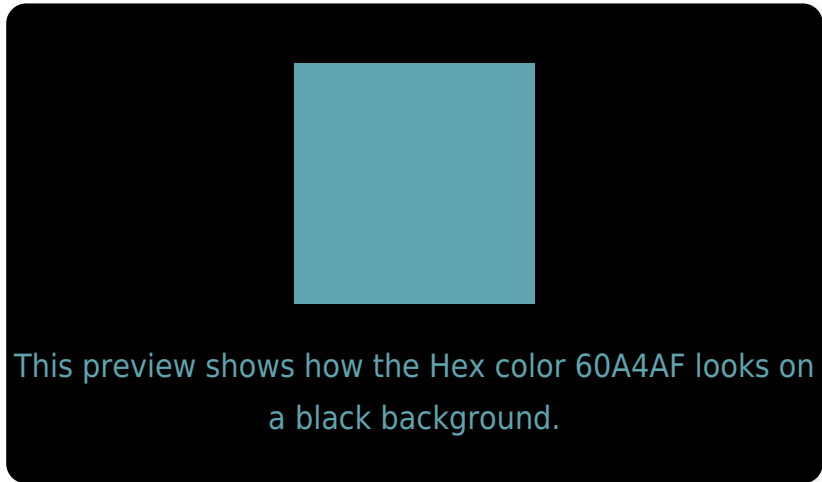
Large Text (above 18pt) WCAG AA × Fail

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

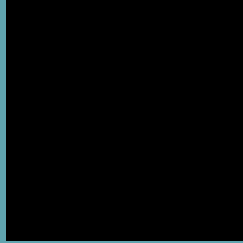
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60A4AF Background



This preview shows how black text looks on a background with the Hex color 60A4AF.

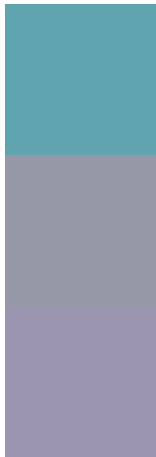


This preview shows how white text looks on a background with the Hex color 60A4AF.

# 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](#).

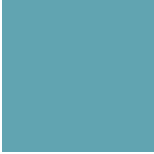
## Dichromacy



**Original Color**  
60A4AF

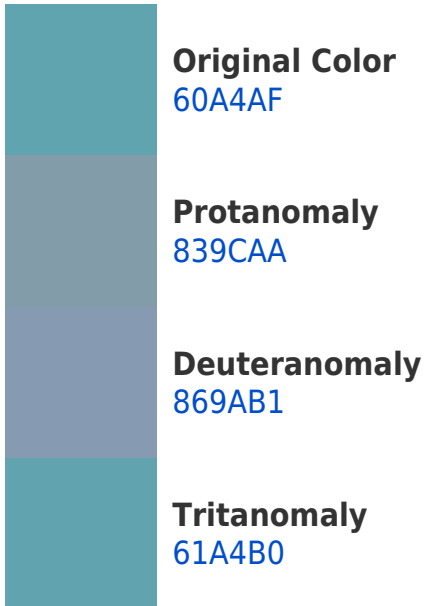
**Protanopia**  
9798A7

**Deuteranopia**  
9C95B2



**Tritanopia**  
61A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60A4AF 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 #60A4AF looks like.

```
.text, #text, p{  
    color:#60A4AF  
}
```

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 #60A4AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A4AF
}
```

## Border

The CSS property to change the border of an element to Hex 60A4AF 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
#60A4AF }
```

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

```
.border{ border-color:#60A4AF }
```

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

Here you see how a box with a 4 pixel #60A4AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A4AF; -webkit-box-shadow:4px 4px  
4px 4px #60A4AF; box-shadow:4px 4px 4px  
4px #60A4AF }
```

# Background

The CSS property to change the background color of an element to Hex 60A4AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A4AF }
```

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

```
.background{ background-color:#60A4AF }
```

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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