

# Converting Colors

Hex(62AFAF)

Have a look what the booklet for  
Hex(62AF4F) contains.

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**Color**

**Hex(62AFAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62AFAF
RGB	98, 175, 175
RGB Percent	38%, 69%, 69%
CMY	0.6157, 0.3137, 0.3137
CMYK	0.44, 0.00, 0.00, 0.31
HSL	180°, 32%, 54%
HSV	180°, 44%, 69%
XYZ	28.1048, 36.3518, 46.0928
YIQ	151.9770, -45.8920, -16.3240

# Conversions

## Conversions Part 2

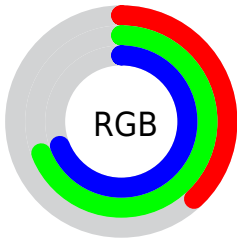
Format	Color
<a href="#">RYB</a>	<a href="#">98, 137, 175</a>
Decimal	<a href="#">6467503</a>
CIELab	<a href="#">66.79, -23.74, -7.43</a>
CIElCh	<a href="#">67, 24.874, 197.390</a>
Yxy	<a href="#">36.3518, 0.2542, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4284657583</a> ( <a href="#">0xFF62AF</a> <a href="#">AF</a> )
YUV	<a href="#">151.9770, 11.3503, -47.3378</a>
Hunter-Lab	<a href="#">60.2924, -22.3054, -3.1217</a>

# Details

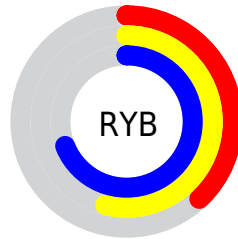
The Hex color **62AFAF** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF6262**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **99E7E6**, and **297A7B** is the 20% darker color. If you saturate the color by 10%, you get **51AFAF**, and if you desaturate by 10%, it is **74AFAF**.

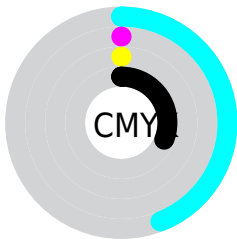
# Distribution



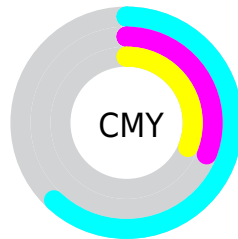
- Red (38%)
- Green (69%)
- Blue (69%)



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



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 62AFAF 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 62AFAF by changing the saturation by 10% instead.



62AF AF

62AF AF

FFFFFF

469494

99E7E6

297A7B

B6FFFF

006162

D2FFFF

00494A

FFFFFF

003234

001F1E

000005

000000

62AF AF

62AF AF

51AF AF

74AF AF

3FAF AF

85AF AF

2EAF AF

97AF AF

1CAF AF

A8AF AF

0BAF AF

BAAF AF

00AF AF

CBAF AF

DDAF AF

EEAF AF

FFAF AF

# Harmonies

## Analogous

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



73AE98



62AFAF



64ADC3

# Triad

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



62AFAF



B698C1



BC9E77

# Complementary

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



62AFAF



AF6262

# 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.



CB9783



62AFAF



C993AD

# Square

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



62AFAF



99A0CD



D09396



A5A578

# Rectangle

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



62AFAF



71A9CB



D09396



C29B7A



# Sweetspot

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



62AFAF



C5E3E3



62AF62



607373



F2F2F2



737373



# Same Dimension

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



62AF AF



6BE3 E3



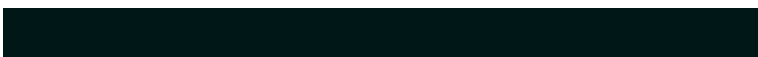
6289 AF



4E57 57



0096 96



0017 17



# Inverse Universe

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



AF62AF



E36BE3



AF8962



574E57



960096

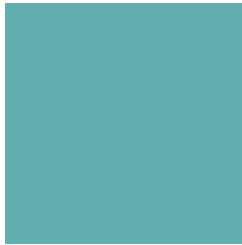


170017



# Previews

## White Background



This preview shows how the Hex color 62AFAF looks on a white background.

## Color Contrast Check

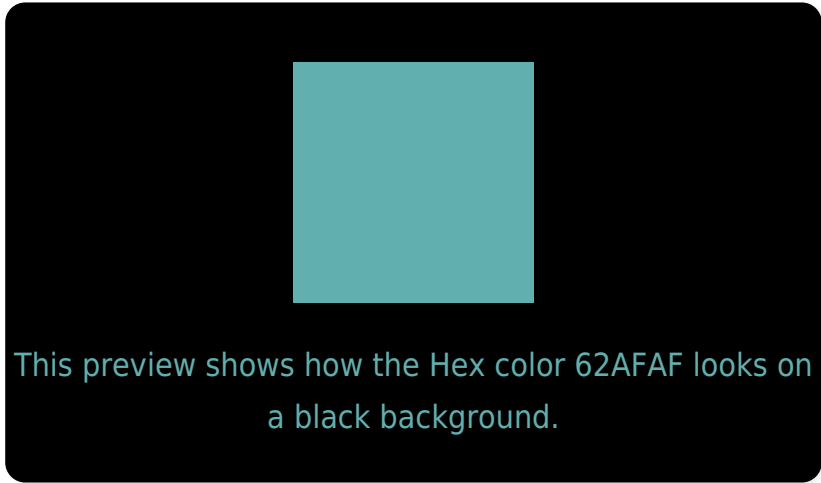
Large Text (above 18pt) WCAG AA × Fail

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

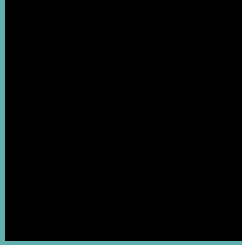
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62AFAF Background



This preview shows how black text looks on a background with the Hex color 62AFAF.

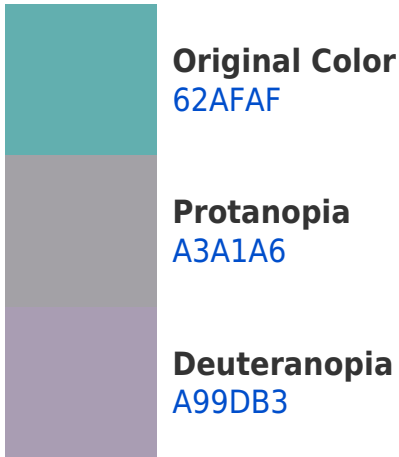


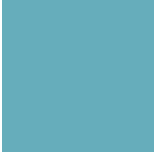
This preview shows how white text looks on a background with the Hex color 62AFAF.

# 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](#).

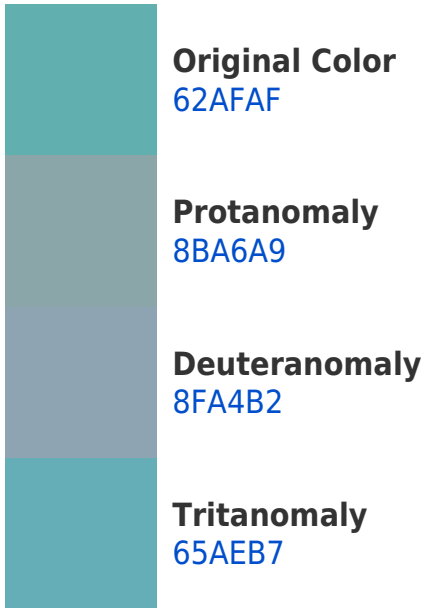
## Dichromacy



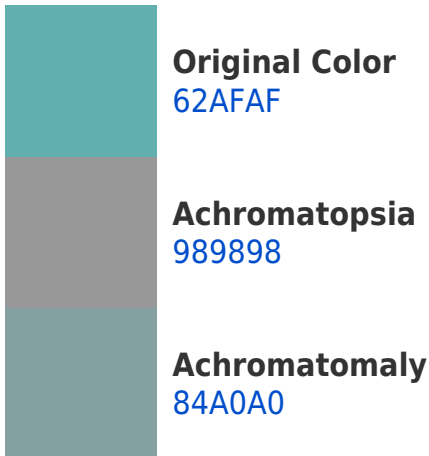


**Tritanopia**  
66ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62AF AF 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 #62AF AF looks like.

```
.text, #text, p{  
    color:#62AF AF  
}
```

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 #62AF AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62AF AF
}
```

## Border

The CSS property to change the border of an element to Hex 62AF AF 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
#62AF AF }
```

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

```
.border{ border-color:#62AFAF }
```

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

Here you see how a box with a 4 pixel #62AFAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62AFAF; -webkit-box-shadow:4px 4px  
4px 4px #62AFAF; box-shadow:4px 4px 4px  
4px #62AFAF }
```

# Background

The CSS property to change the background color of an element to Hex 62AF AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62AF AF }
```

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

```
.background{ background-color:#62AF AF }
```

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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