

# Converting Colors

Hex(73AFAF)

Have a look what the booklet for  
Hex(73AF4F) contains.

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# **Color**

**Hex(73AFAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73AFAF
RGB	115, 175, 175
RGB Percent	45%, 69%, 69%
CMY	0.5490, 0.3137, 0.3137
CMYK	0.34, 0.00, 0.00, 0.31
HSL	180°, 27%, 57%
HSV	180°, 34%, 69%
XYZ	30.1381, 37.3999, 46.1879
YIQ	157.0600, -35.7600, -12.7200

# Conversions

## Conversions Part 2

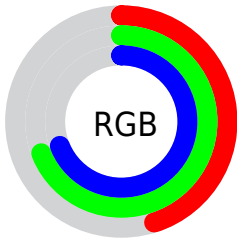
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 145, 175
Decimal	7581615
CIELab	67.58, -19.29, -6.18
CIELCh	68, 20.253, 197.761
Yxy	37.3999, 0.2650, 0.3289
Android (android.graphics.Color)	4285771695 (0xFF73AF AF)
YUV	157.0600, 8.8444, -36.8866
Hunter-Lab	61.1555, -19.0554, -1.9702

# Details

The Hex color **73AFAF** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AF7373**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A9E7E6**, and **3F7A7B** is the 20% darker color. If you saturate the color by 10%, you get **62AFAF**, and if you desaturate by 10%, it is **85AFAF**.

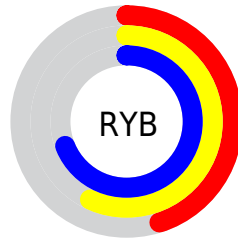
# Distribution



Red (45%)

Green (69%)

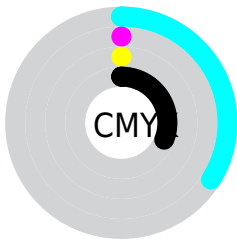
Blue (69%)



Red (45%)

Yellow (57%)

Blue (69%)

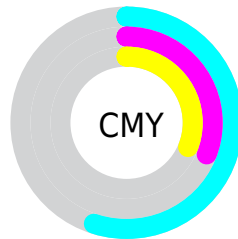


Cyan (34%)

Magenta (0%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (31%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73AF AF 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 73AF AF by changing the saturation by 10% instead.



 73AF AF

 73AF AF

FFFFFF

 599494

 A9E7E6

 3F7A7B

 C5FFFF

 236162

 E2FFFF

 00494A

 003234

 001E1E

 000005

 000000

 73AF AF

 73AF AF

62AF AF

85AF AF

50AF AF

96AF AF

3FAF AF

A8AF AF

2DAF AF

B9AF AF

1CAF AF

CBAF AF

0AAF AF

DCAF AF

00AF 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.



7FAF9C



73AFAF



75ADBF

# Triad

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



73AFAF



B59CBD



BAA181

# Complementary

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



73AFAF



AF7373

# 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.



C69B8A



73AF AF



C598AD

# Square

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



73AF AF



9EA2 C7



CB98 9A



A7A7 82

# Rectangle

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



73AFAF



7FAAC6



CB989A



BF9F83



# Sweetspot

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



73AFAF



CCE3E3



73AF73



657373



F2F2F2



737373



# Same Dimension

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



73AF AF



86E3 E3



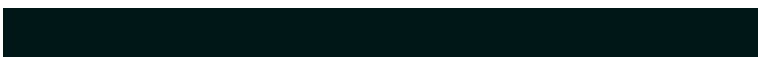
7391 AF



4E57 57



0096 96



0017 17



# Inverse Universe

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



AF73AF



E386E3



AF9173



574E57



960096

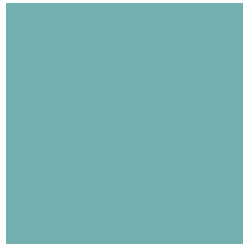


170017



# Previews

## White Background



This preview shows how the Hex color 73AFAF looks on a white background.

## Color Contrast Check

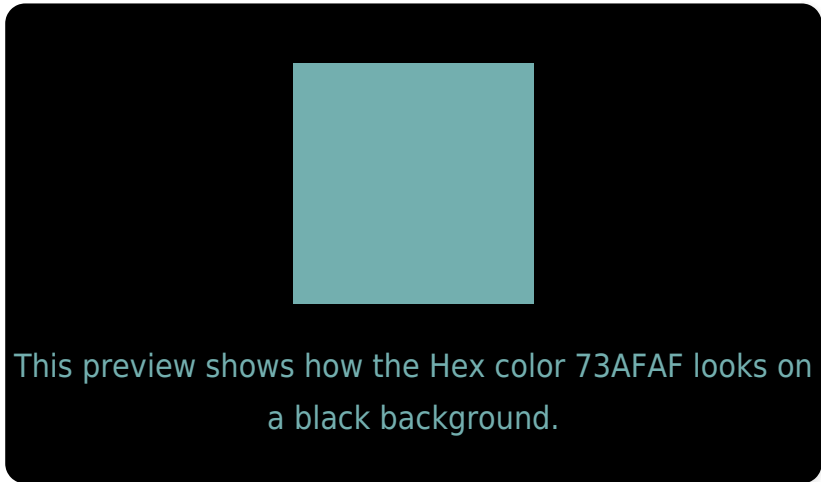
Large Text (above 18pt) WCAG AA × Fail

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

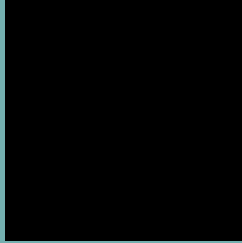
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

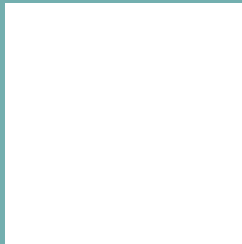
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73AFAF Background



This preview shows how black text looks on a background with the Hex color 73AFAF.

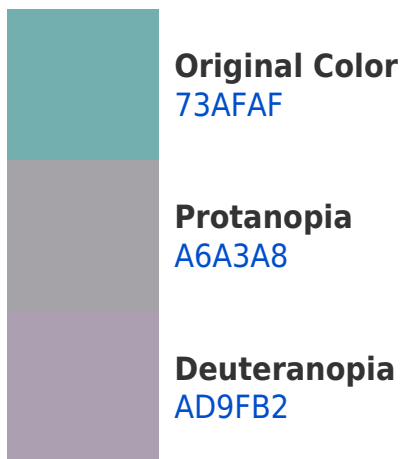


This preview shows how white text looks on a background with the Hex color 73AFAF.

# 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](#).

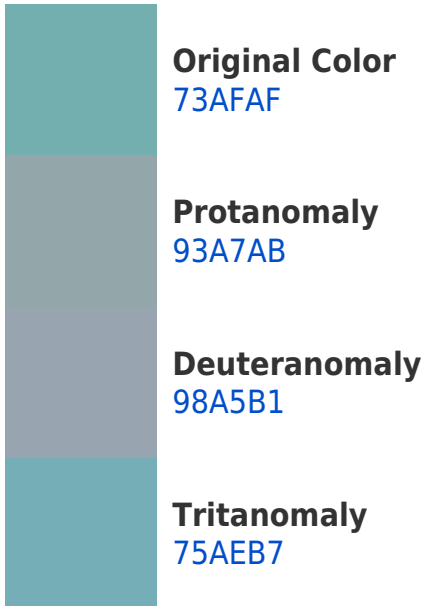
## Dichromacy



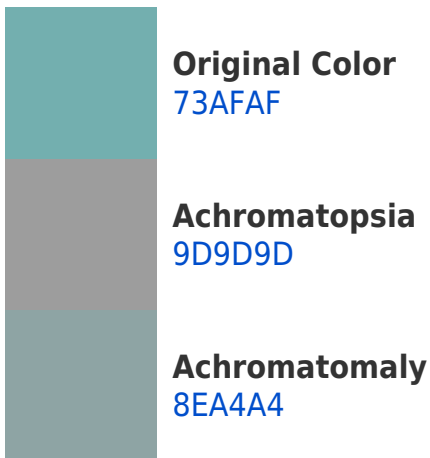


**Tritanopia**  
76ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73AF 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 #73AF AF looks like.

```
.text, #text, p{  
    color:#73AF 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 #73AF AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73AF AF
}
```

## Border

The CSS property to change the border of an element to Hex 73AF 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
#73AF AF }
```

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

```
.border{ border-color:#73AF AF }
```

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

Here you see how a box with a 4 pixel #73AF AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73AF AF; -webkit-box-shadow:4px 4px  
4px 4px #73AF AF; box-shadow:4px 4px 4px  
4px #73AF AF }
```

# Background

The CSS property to change the background color of an element to Hex 73AF AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73AF AF }
```

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

```
.background{ background-color:#73AF 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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