

# Converting Colors

Hex(4794AF)

Have a look what the booklet for  
Hex(4794AF) contains.

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# Color

**Hex(4794AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4794AF
RGB	71, 148, 175
RGB Percent	28%, 58%, 69%
CMY	0.7216, 0.4196, 0.3137
CMYK	0.59, 0.15, 0.00, 0.31
HSL	196°, 42%, 48%
HSV	196°, 59%, 69%
XYZ	20.9263, 25.6145, 44.3986
YIQ	128.0550, -54.5590, -7.9270

# Conversions

## Conversions Part 2

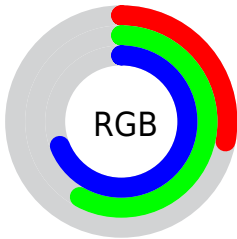
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 115, 175
Decimal	4691119
CIE <sub>Lab</sub>	57.67, -15.62, -21.29
CIE <sub>LCh</sub>	58, 26.409, 233.731
Yxy	25.6145, 0.2301, 0.2817
Android (android.graphics.Color)	4282881199 (0xFF4794AF)
YUV	128.0550, 23.1439, -50.0372
Hunter-Lab	50.6108, -14.7637, -16.5849

# Details

The Hex color **4794AF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AF6247**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **80CAE7**, and **00617A** is the 20% darker color. If you saturate the color by 10%, you get **368FAF**, and if you desaturate by 10%, it is **5999AF**.

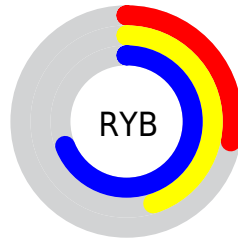
# Distribution



Red (28%)

Green (58%)

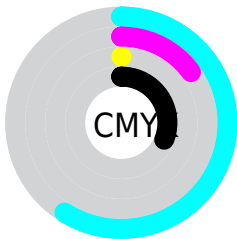
Blue (69%)



Red (28%)

Yellow (45%)

Blue (69%)

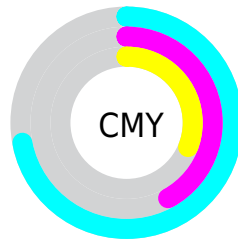


Cyan (59%)

Magenta (15%)

Yellow (0%)

Black (31%)



Cyan (72%)

Magenta (42%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4794AF 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 4794AF by changing the saturation by 10% instead.



■ 4794AF

■ 4794AF

FFFFFF

■ 277A94

■ 80CAE7

■ 00617A

■ 9DE6FF

■ 004962

■ B9FFFF

■ 00334A

■ D6FFFF

■ 001E33

■ F4FFFF

■ 00021E

■ 000000

■ 4794AF

■ 4794AF

■ 368FAF

■ 5999AF

■ 248BAF

■ 6A9DAF

■ 1286AF

■ 7CA2AF

■ 0182AF

■ 8DA6AF

■ 0082AF

■ 9FABAF

■ B0AFAF

■ C2B4AF

■ D3B8AF

■ E4BDAF

# Harmonies

## Analogous

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



40979C



4794AF



658EB8

# Triad

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



4794AF



B47A90



888F60

# Complementary

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



4794AF



AF6247

# 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.



9F875D



4794AF



B97A79

# Square

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



4794AF



A37EA6



B18066



6D946F

# Rectangle

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



4794AF



7C89B7



B18066



908C5D



# Sweetspot

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



4794AF



BAD8E3



47AF61



5A6C73



F2F2F2



737373



# Same Dimension

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



4794AF



42B9E3



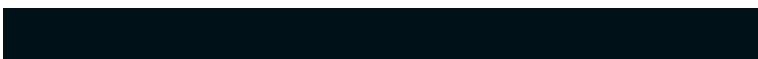
4761AF



4E5457



006F96



001117



# Inverse Universe

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



AF4794



E342B9



AF9547



574E54



96006F



170011



# Previews

## White Background



This preview shows how the Hex color 4794AF looks on a white background.

## Color Contrast Check

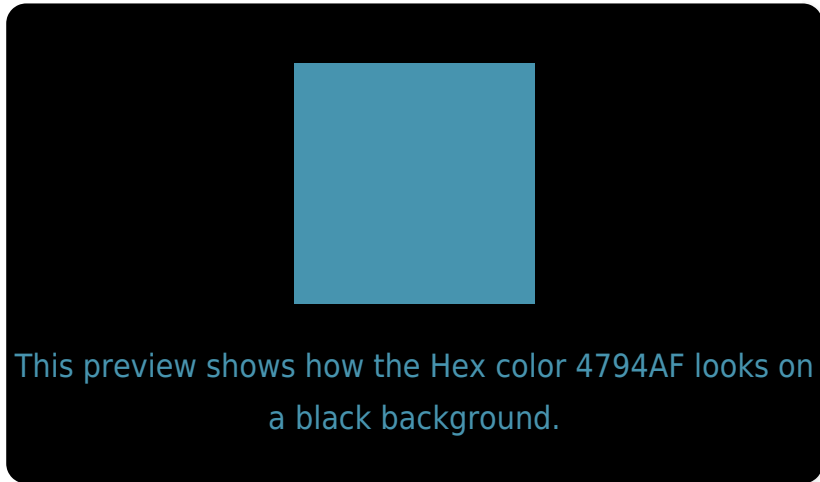
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 4794AF Background



This preview shows how black text looks on a background with the Hex color 4794AF.

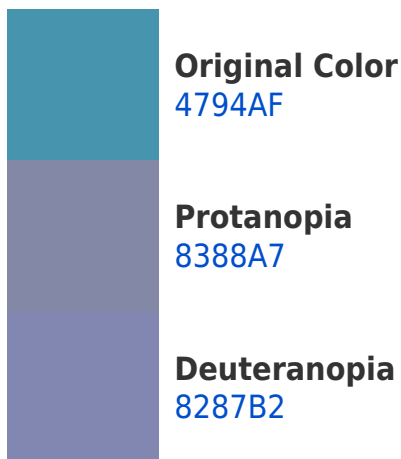


This preview shows how white text looks on a background with the Hex color 4794AF.

# 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](#).

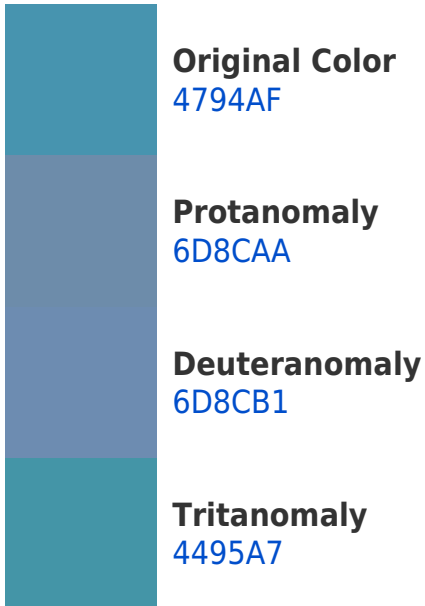
## Dichromacy





**Tritanopia**  
4296A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4794AF 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 #4794AF looks like.

```
.text, #text, p{  
    color:#4794AF  
}
```

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 #4794AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4794AF
}
```

## Border

The CSS property to change the border of an element to Hex 4794AF 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
#4794AF }
```

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

```
.border{ border-color:#4794AF }
```

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

Here you see how a box with a 4 pixel #4794AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4794AF; -webkit-box-shadow:4px 4px  
4px 4px #4794AF; box-shadow:4px 4px 4px  
4px #4794AF }
```

# Background

The CSS property to change the background color of an element to Hex 4794AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4794AF }
```

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

```
.background{ background-color:#4794AF }
```

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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