

Converting Colors

Hex(5796AF)

Have a look what the booklet for
Hex(5796AF) contains.

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Color

Hex(5796AF)

Conversions

Conversions Part 1

Format	Color
Hex	5796AF
RGB	87, 150, 175
RGB Percent	34%, 59%, 69%
CMY	0.6588, 0.4118, 0.3137
CMYK	0.50, 0.14, 0.00, 0.31
HSL	197°, 35%, 51%
HSV	197°, 50%, 69%
XYZ	22.5747, 26.9341, 44.5664
YIQ	134.0130, -45.5730, -5.5810

Conversions

Conversions Part 2

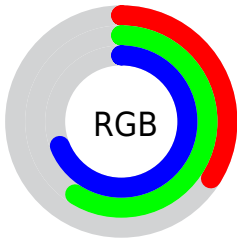
Format	Color
RYB	87, 124, 175
Decimal	5740207
CIELab	58.91, -13.26, -19.33
CIElCh	59, 23.443, 235.563
Yxy	26.9341, 0.2400, 0.2863
Android (android.graphics.Color)	4283930287 (0xFF5796AF)
YUV	134.0130, 20.2066, -41.2304
Hunter-Lab	51.8980, -13.1774, -14.5855

Details

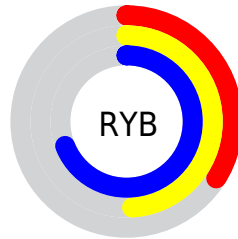
The Hex color **5796AF** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF7057**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8ECCE7**, and **1B637A** is the 20% darker color. If you saturate the color by 10%, you get **4691AF**, and if you desaturate by 10%, it is **699BAF**.

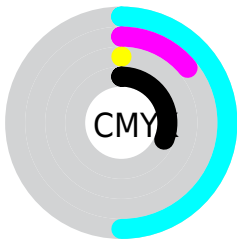
Distribution



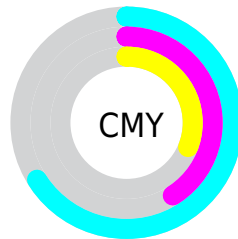
- Red (34%)
- Green (59%)
- Blue (69%)



- Red (34%)
- Yellow (49%)
- Blue (69%)



- Cyan (50%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (66%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5796AF 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 5796AF by changing the saturation by 10% instead.

■ 5796AF

FFFFFF

■ 8ECCE7

■ AAE8FF

■ C7FFFF

■ E4FFFF

■ 5796AF

■ 3B7C94

■ 1B637A

■ 004B62

■ 00344A

■ 001F33

■ 00021E

■ 000001

■ 000000

■ 5796AF

■ 5796AF

4691AF

699BAF

348CAF

7AA0AF

2287AF

8BA5AF

1182AF

9DAAAF

007DAF

AFAFAF

C0B4AF

D2B9AF

E3BEAF

F4C3AF

Harmonies

Analogous

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



50999F



5796AF



7091B6

Triad

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



5796AF



B47F92



8A9268

Complementary

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



5796AF



AF7057

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.



A08B65



5796AF



B7807D

Square

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



5796AF



A583A5



B0856D



729776

Rectangle

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



5796AF



838CB5



B0856D



929066

Sweetspot

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



5796AF



C1D9E3



57AF70



5E6D73



F2F2F2



737373

Same Dimension

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



5796AF



5BBCE3



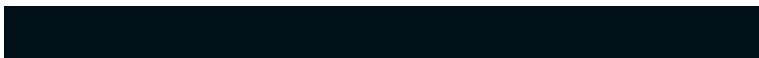
576AAF



4E5457



006C96



001017

Inverse Universe

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



AF5796



E35BBC



AF9C57



574E54



96006C



170010

Previews

White Background



This preview shows how the Hex color 5796AF looks on a white background.

Color Contrast Check

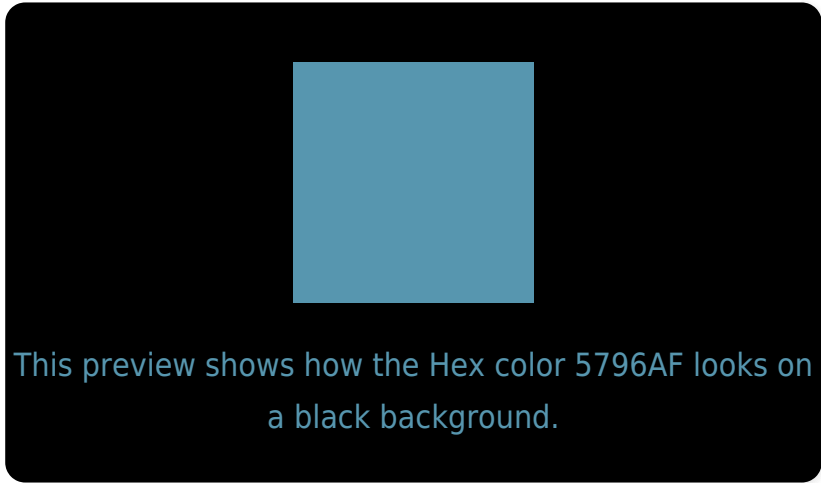
Large Text (above 18pt) WCAG AA ✓ Pass

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

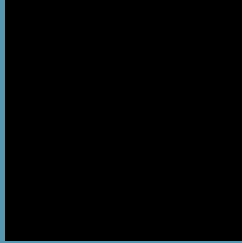
Any Text WCAG AA ✓ Pass

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 5796AF Background



This preview shows how black text looks on a background with the Hex color 5796AF.

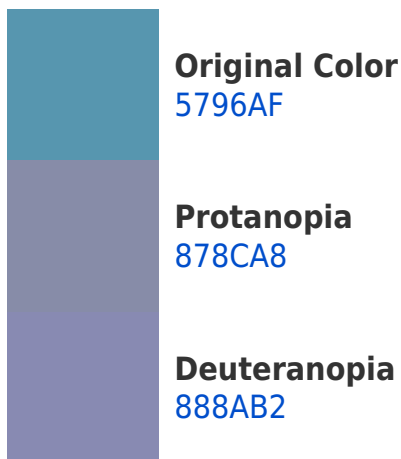


This preview shows how white text looks on a background with the Hex color 5796AF.

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](#).

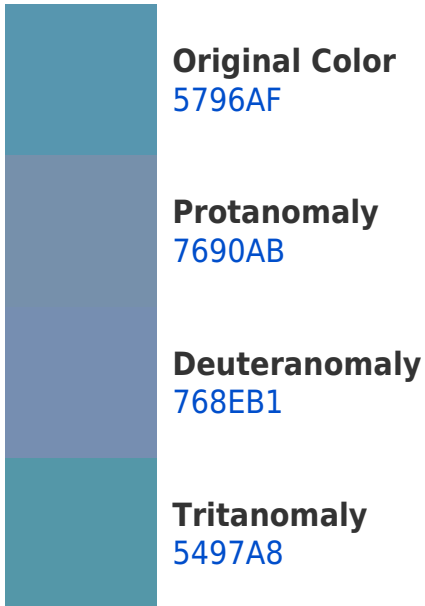
Dichromacy





Tritanopia
5398A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5796AF 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 #5796AF looks like.

```
.text, #text, p{  
    color:#5796AF  
}
```

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 #5796AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5796AF
}
```

Border

The CSS property to change the border of an element to Hex 5796AF 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
#5796AF }
```

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

```
.border{ border-color:#5796AF }
```

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

Here you see how a box with a 4 pixel #5796AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5796AF; -webkit-box-shadow:4px 4px  
4px 4px #5796AF; box-shadow:4px 4px 4px  
4px #5796AF }
```

Background

The CSS property to change the background color of an element to Hex 5796AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5796AF }
```

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

```
.background{ background-color:#5796AF }
```

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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