

Converting Colors

Hex(5796A8)

Have a look what the booklet for
Hex(5796A8) contains.

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Color

Hex(5796A8)

Conversions

Conversions Part 1

Format	Color
Hex	5796A8
RGB	87, 150, 168
RGB Percent	34%, 59%, 66%
CMY	0.6588, 0.4118, 0.3412
CMYK	0.48, 0.11, 0.00, 0.34
HSL	193°, 32%, 50%
HSV	193°, 48%, 66%
XYZ	21.9047, 26.6661, 41.0384
YIQ	133.2150, -43.3260, -7.7580

Conversions

Conversions Part 2

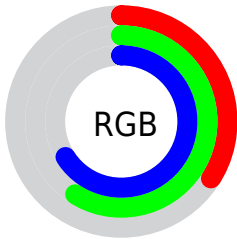
Format	Color
R _Y B	87, 122, 168
Decimal	5740200
CIE Lab	58.66, -15.28, -15.74
CIE LCh	59, 21.932, 225.852
Yxy	26.6661, 0.2444, 0.2976
Android (android.graphics.Color)	4283930280 (0xFF5796A8)
YUV	133.2150, 17.1490, -40.5306
Hunter-Lab	51.6392, -14.6511, -10.9711

Details

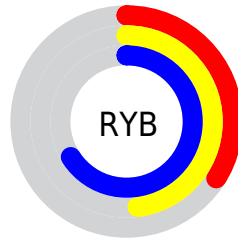
The Hex color **5796A8** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A86957**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8ECCDF**, and **1D6374** is the 20% darker color. If you saturate the color by 10%, you get **4692A8**, and if you desaturate by 10%, it is **689AA8**.

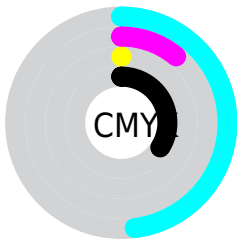
Distribution



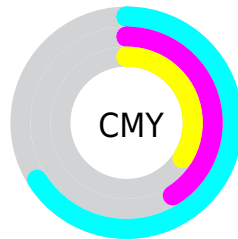
- Red (34%)
- Green (59%)
- Blue (66%)



- Red (34%)
- Yellow (48%)
- Blue (66%)



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)



- Cyan (66%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5796A8 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 5796A8 by changing the saturation by 10% instead.

■ 5796A8

■ 5796A8

FFFFFF

■ 3C7C8E

■ 8ECCDF

■ 1D6374

■ A9E8FC

■ 004B5B

■ C6FFFF

■ 003444

■ E3FFFF

■ 001F2E

■ 000119

■ 000000

■ 5796A8

■ 5796A8

■ 4692A8

■ 689AA8

■ 358FA8

■ 799DA8

■ 258BA8

■ 89A1A8

■ 1487A8

■ 9AA5A8

■ 0383A8

■ ABA9A8

■ 0083A8

■ BCACA8

■ CDB0A8

■ DDB4A8

■ EEB8A8

Harmonies

Analogous

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



579897



5796A8



6992B2

Triad

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



5796A8



AE8097



918F68

Complementary

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



5796A8



A86957

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.



A48968



5796A8



B47F83

Square

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



5796A8



9D85A8



B08372



7B9472

Rectangle

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



5796A8



7B8EB3



B08372



978D67

Sweetspot

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



5796A8



BDD4DB



57A869



5B6A6E



EDEDED



6E6E6E

Same Dimension

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



5796A8



5CBFDB



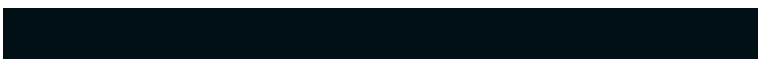
576EA8



4C5254



007394



001014

Inverse Universe

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



A85796



DB5CBF



A89157



544C52



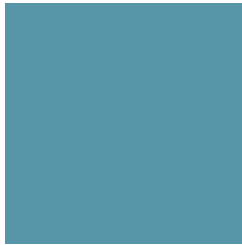
940073



140010

Previews

White Background



This preview shows how the Hex color 5796A8 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

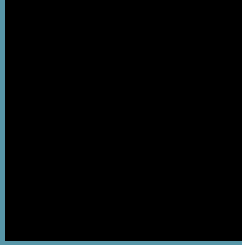
Any Text WCAG AA ✓ Pass

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 5796A8 Background



This preview shows how black text looks on a background with the Hex color 5796A8.

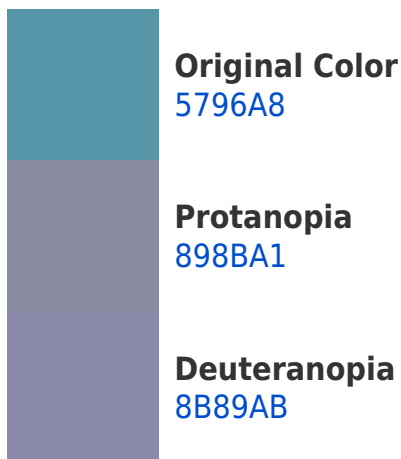


This preview shows how white text looks on a background with the Hex color 5796A8.

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](#).

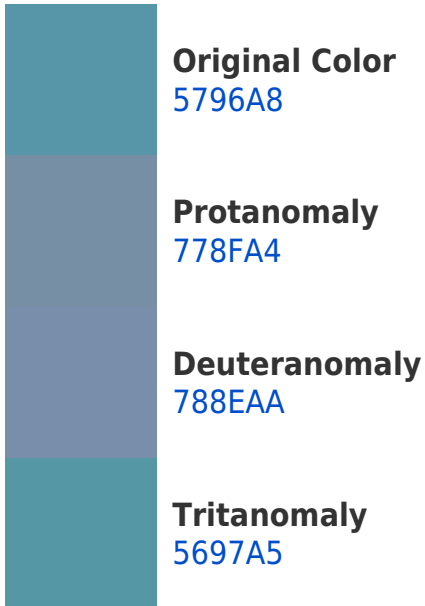
Dichromacy





Tritanopia
5597A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5796A8 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 #5796A8 looks like.

```
.text, #text, p{  
    color:#5796A8  
}
```

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 #5796A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5796A8  
}
```

Border

The CSS property to change the border of an element to Hex 5796A8 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  
#5796A8 }
```

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

```
.border{ border-color:#5796A8 }
```

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

Here you see how a box with a 4 pixel #5796A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5796A8; -webkit-box-shadow:4px 4px  
4px 4px #5796A8; box-shadow:4px 4px 4px  
4px #5796A8 }
```

Background

The CSS property to change the background color of an element to Hex 5796A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5796A8 }
```

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

```
.background{ background-color:#5796A8 }
```

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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