

Converting Colors

Hex(4598A0)

Have a look what the booklet for
Hex(4598A0) contains.

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Color

Hex(4598A0)

Conversions

Conversions Part 1

Format	Color
Hex	4598A0
RGB	69, 152, 160
RGB Percent	27%, 60%, 63%
CMY	0.7294, 0.4039, 0.3725
CMYK	0.57, 0.05, 0.00, 0.37
HSL	185°, 40%, 45%
HSV	185°, 57%, 63%
XYZ	20.0276, 26.2597, 37.2708
YIQ	128.0950, -52.0360, -15.1080

Conversions

Conversions Part 2

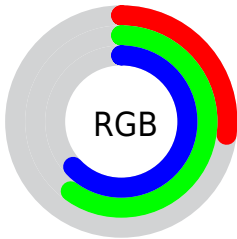
Format	Color
RYB	69, 112, 160
Decimal	4561056
CIELab	58.28, -22.65, -11.83
CIELCh	58, 25.556, 207.578
Yxy	26.2597, 0.2397, 0.3143
Android (android.graphics.Color)	4282751136 (0xFF4598A0)
YUV	128.0950, 15.7292, -51.8263
Hunter-Lab	51.2443, -19.9148, -7.2516

Details

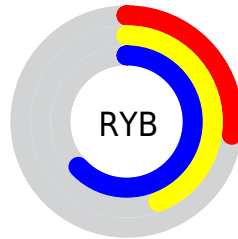
The Hex color **4598A0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A04D45**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7ECFD7**, and **00656D** is the 20% darker color. If you saturate the color by 10%, you get **3597A0**, and if you desaturate by 10%, it is **5599A0**.

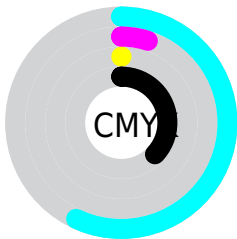
Distribution



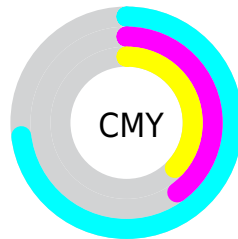
- Red (27%)
- Green (60%)
- Blue (63%)



- Red (27%)
- Yellow (44%)
- Blue (63%)



- Cyan (57%)
- Magenta (5%)
- Yellow (0%)
- Black (37%)



- Cyan (73%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4598A0 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 4598A0 by changing the saturation by 10% instead.

4598A0

4598A0

FFFFFF

267E86

7ECFD7

00656D

9AEBF3

004C54

B6FFFF

00353D

D3FFFF

002127

F1FFFF

000113

000000

4598A0

4598A0

3597A0

5599A0

■ 2595A0

■ 659BA0

■ 1594A0

■ 759CA0

■ 0592A0

■ 859EA0

■ 0092A0

■ 959FA0

■ A5A0A0

■ B5A2A0

■ C5A3A0

■ D5A5A0

Harmonies

Analogous

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



549889



4598A0



4F95B1

Triad

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



4598A0



A780A4



9E8A5F

Complementary

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



4598A0



A04D45

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.



B08367



4598A0



B67C8F

Square

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



4598A0



8D87B4



B97D78



869164

Rectangle

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



4598A0



6291B7



B97D78



A48861

Sweetspot

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



4598A0



AECED1



45A04D



546769



E8E8E8



696969

Same Dimension

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



4598A0



43C5D1



456BA0



474E4F



00828F



000E0F

Inverse Universe

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



A04598



D143C5



A07A45



4F474E



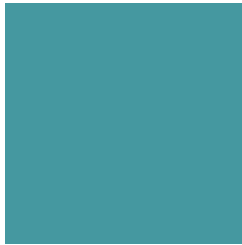
8F0082



0F000E

Previews

White Background



This preview shows how the Hex color 4598A0 looks on a white background.

Color Contrast Check

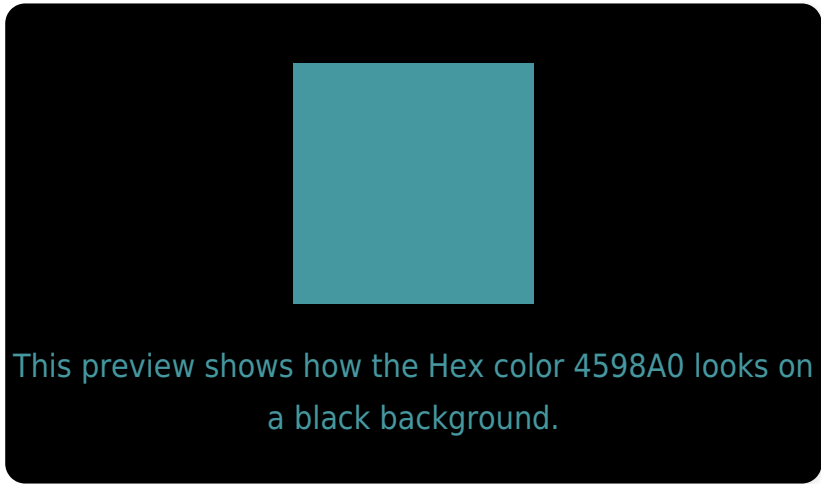
Large Text (above 18pt) WCAG AA ✓ Pass

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

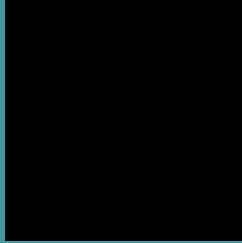
Any Text WCAG AA ✓ Pass

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 4598A0 Background



This preview shows how black text looks on a background with the Hex color 4598A0.

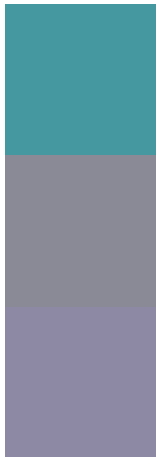


This preview shows how white text looks on a background with the Hex color 4598A0.

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



Original Color
4598A0

Protanopia
8A8A97

Deuteranopia
8D88A3



Tritanopia
4697A4

Trichromacy



Original Color
4598A0

Protanomaly
718F9A

Deuteranomaly
738EA2

Tritanomaly
4697A3

Monochromacy



Original Color
4598A0

Achromatopsia
808080

Achromatomaly
6B898C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4598A0 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 #4598A0 looks like.

```
.text, #text, p{  
    color:#4598A0  
}
```

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 #4598A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4598A0
}
```

Border

The CSS property to change the border of an element to Hex 4598A0 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
#4598A0 }
```

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

```
.border{ border-color:#4598A0 }
```

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

Here you see how a box with a 4 pixel #4598A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4598A0; -webkit-box-shadow:4px 4px  
4px 4px #4598A0; box-shadow:4px 4px 4px  
4px #4598A0 }
```

Background

The CSS property to change the background color of an element to Hex 4598A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4598A0 }
```

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

```
.background{ background-color:#4598A0 }
```

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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