

Converting Colors

Hex(5498A4)

Have a look what the booklet for
Hex(5498A4) contains.

Hex(5498A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5498A4)

Conversions

Conversions Part 1

Format	Color
Hex	5498A4
RGB	84, 152, 164
RGB Percent	33%, 60%, 64%
CMY	0.6706, 0.4039, 0.3569
CMYK	0.49, 0.07, 0.00, 0.36
HSL	189°, 32%, 49%
HSV	189°, 49%, 64%
XYZ	21.5852, 27.0216, 39.2000
YIQ	133.0360, -44.3800, -10.6840

Conversions

Conversions Part 2

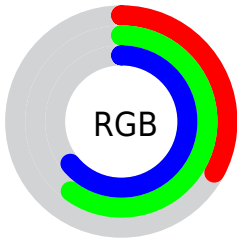
Format	Color
R_{YB}	84, 121, 164
Decimal	5544100
CIE _{Lab}	58.99, -18.20, -12.98
CIE _{LCh}	59, 22.351, 215.494
Y _{xy}	27.0216, 0.2458, 0.3077
Android (android.graphics.Color)	4283734180 (0xFF5498A4)
YUV	133.0360, 15.2653, -43.0046
Hunter-Lab	51.9823, -16.8484, -8.3231

Details

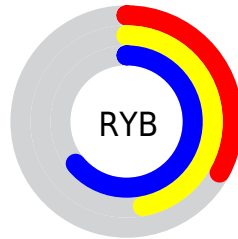
The Hex color **5498A4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A46054**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8BCEDB**, and **196570** is the 20% darker color. If you saturate the color by 10%, you get **4496A4**, and if you desaturate by 10%, it is **649AA4**.

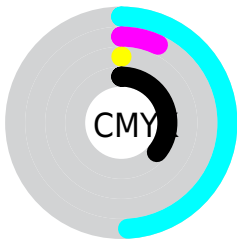
Distribution



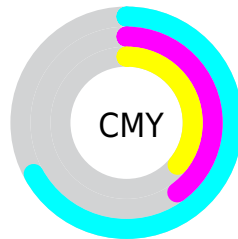
- Red (33%)
- Green (60%)
- Blue (64%)



- Red (33%)
- Yellow (47%)
- Blue (64%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5498A4 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 5498A4 by changing the saturation by 10% instead.

■ 5498A4

■ 5498A4

FFFFFF

■ 387E8A

■ 8BCEDB

■ 196570

■ A7EBF7

■ 004D58

■ C3FFFF

■ 003641

■ E0FFFF

■ 00212A

■ F0FFFF

■ 000117

■ 000000

■ 5498A4

■ 5498A4

■ 4496A4

■ 649AA4

■ 3393A4

■ 759DA4

■ 2391A4

■ 859FA4

■ 128EA4

■ 96A2A4

■ 028CA4

■ A6A4A4

■ 008BA4

■ B6A7A4

■ C7A9A4

■ D7ACA4

■ E8AEA4

Harmonies

Analogous

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



5A9991



5498A4



6194B1

Triad

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



5498A4



AA829F



998E67

Complementary

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



5498A4



A46054

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.



AA876B



5498A4



B5808B

Square

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



5498A4



9688AE



B48278



83946E

Rectangle

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



5498A4



7291B5



B48278



9F8C67

Sweetspot

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



5498A4



B6D1D6



54A460



58686B



EBEBEB



6B6B6B

Same Dimension

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



5498A4



58C3D6



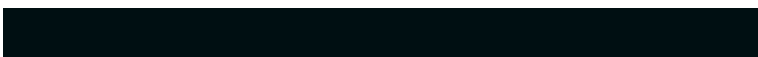
5470A4



495052



007C91



000F12

Inverse Universe

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



A45498



D658C3



A48854



524950



91007C



12000F

Previews

White Background



This preview shows how the Hex color 5498A4 looks on a white background.

Color Contrast Check

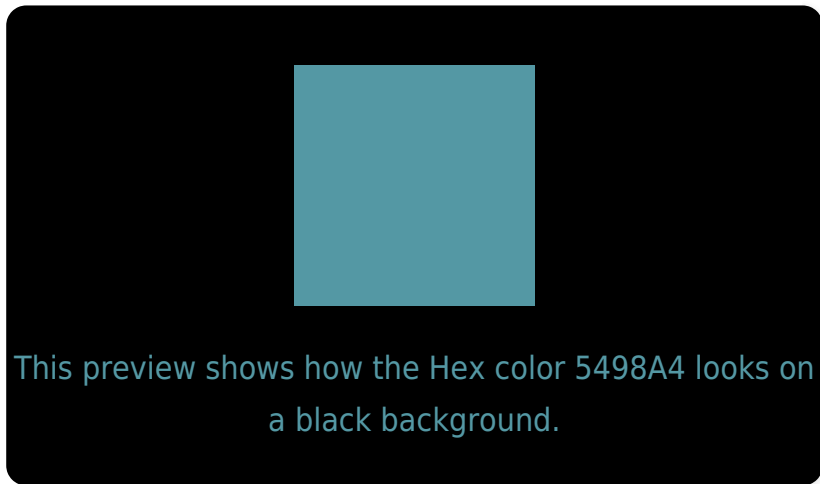
Large Text (above 18pt) WCAG AA ✓ Pass

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

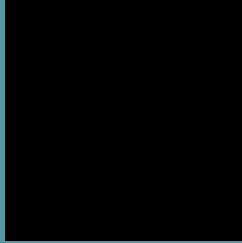
Any Text WCAG AA ✓ Pass

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 5498A4 Background



This preview shows how black text looks on a background with the Hex color 5498A4.



This preview shows how white text looks on a background with the Hex color 5498A4.

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](#).

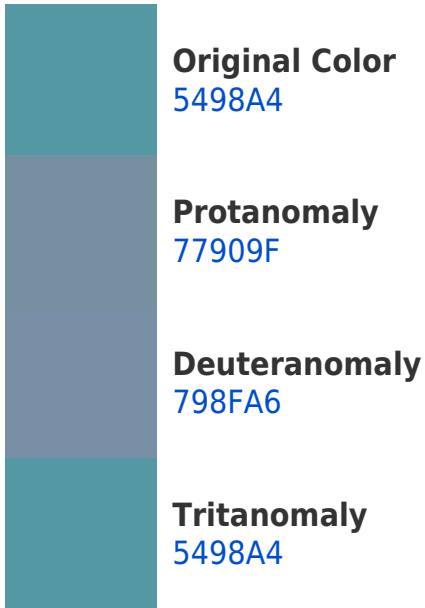
Dichromacy





Tritanopia
5498A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5498A4 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 #5498A4 looks like.

```
.text, #text, p{  
    color:#5498A4  
}
```

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 #5498A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5498A4
}
```

Border

The CSS property to change the border of an element to Hex 5498A4 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
#5498A4 }
```

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

```
.border{ border-color:#5498A4 }
```

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

Here you see how a box with a 4 pixel #5498A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5498A4; -webkit-box-shadow:4px 4px  
4px 4px #5498A4; box-shadow:4px 4px 4px  
4px #5498A4 }
```

Background

The CSS property to change the background color of an element to Hex 5498A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5498A4 }
```

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

```
.background{ background-color:#5498A4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor