

Converting Colors

Hex(3498A3)

Have a look what the booklet for
Hex(3498A3) contains.

Hex(3498A3)	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(3498A3)

Conversions

Conversions Part 1

Format	Color
Hex	3498A3
RGB	52, 152, 163
RGB Percent	20%, 60%, 64%
CMY	0.7961, 0.4039, 0.3608
CMYK	0.68, 0.07, 0.00, 0.36
HSL	186°, 52%, 42%
HSV	186°, 68%, 64%
XYZ	19.2553, 25.8309, 38.6213
YIQ	123.3540, -63.1310, -17.7790

Conversions

Conversions Part 2

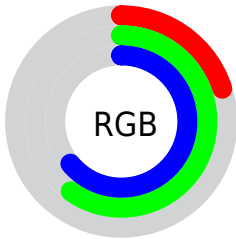
Format	Color
RYB	52, 105, 163
Decimal	3446947
CIELab	57.88, -24.77, -14.20
CIElCh	58, 28.557, 209.823
Yxy	25.8309, 0.2300, 0.3086
Android (android.graphics.Color)	4281637027 (0xFF3498A3)
YUV	123.3540, 19.5455, -62.5775
Hunter-Lab	50.8241, -21.3155, -9.4777

Details

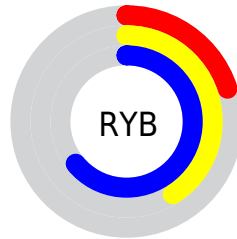
The Hex color **3498A3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A33F34**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **71CFDA**, and **00656F** is the 20% darker color. If you saturate the color by 10%, you get **2496A3**, and if you desaturate by 10%, it is **449AA3**.

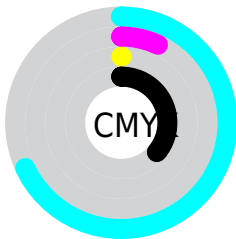
Distribution



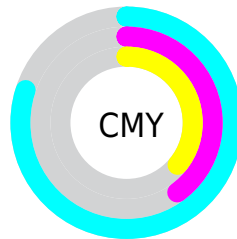
- Red (20%)
- Green (60%)
- Blue (64%)



- Red (20%)
- Yellow (41%)
- Blue (64%)



- Cyan (68%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (80%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3498A3 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 3498A3 by changing the saturation by 10% instead.

3498A3

3498A3

FFFFFF

027E89

71CFDA

00656F

8EEBF6

004C57

ABFFFF

003540

C8FFFF

00212A

E6FFFF

000116

000000

3498A3

3498A3

2496A3

449AA3

■ 1395A3

■ 559BA3

■ 0393A3

■ 659DA3

■ 0093A3

■ 759EA3

■ 86A0A3

■ 96A2A3

■ A6A3A3

■ B6A5A3

■ C7A7A3

Harmonies

Analogous

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



47998A



3498A3



4494B6

Triad

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



3498A3



AB7CA5



9C8959

Complementary

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



3498A3



A33F34

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.



B18161



3498A3



BA788C

Square

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



3498A3



8E85B6



BC7A73



82915F

Rectangle

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



3498A3



5C90BC



BC7A73



A4875A

Sweetspot

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



3498A3



A9CFD4



34A33D



51696B



EBEBEB



6B6B6B

Same Dimension

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



3498A3



26C2D4



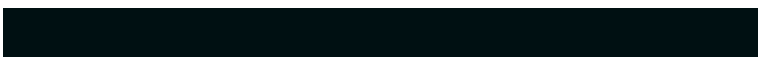
3462A3



495152



008391



001012

Inverse Universe

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



A33498



D426C2



A37534



524951



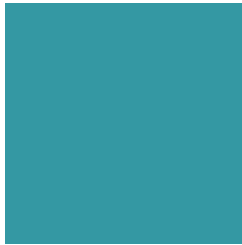
910083



120010

Previews

White Background



This preview shows how the Hex color 3498A3 looks on a white background.

Color Contrast Check

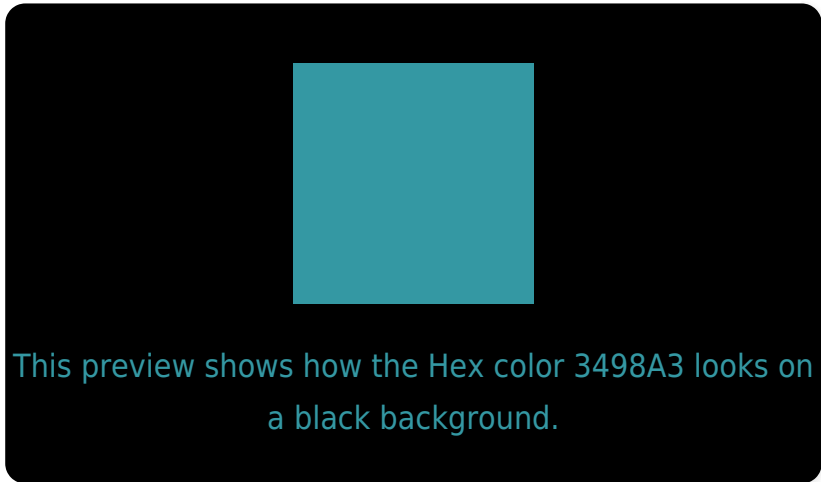
Large Text (above 18pt) WCAG AA ✓ Pass

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

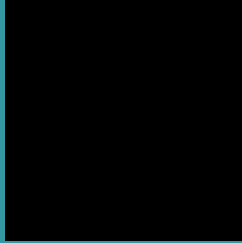
Any Text WCAG AA ✓ Pass

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 3498A3 Background



This preview shows how black text looks on a background with the Hex color 3498A3.

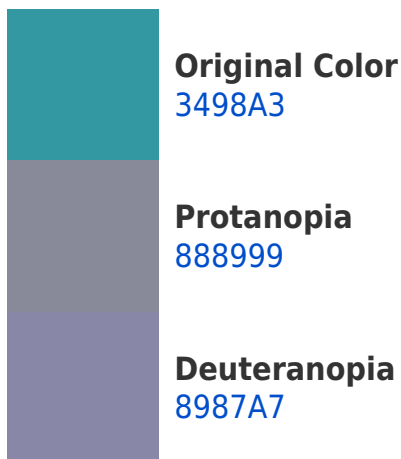


This preview shows how white text looks on a background with the Hex color 3498A3.

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](#).

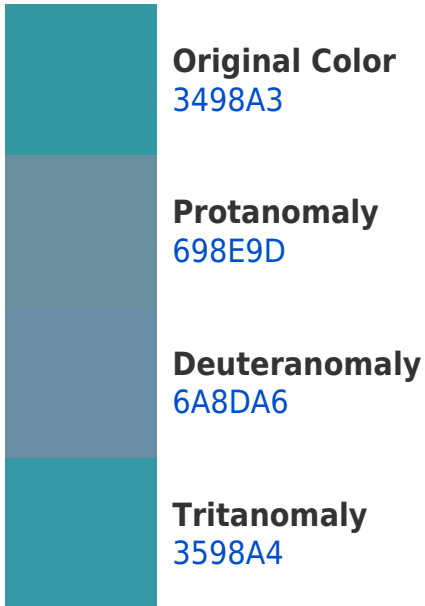
Dichromacy



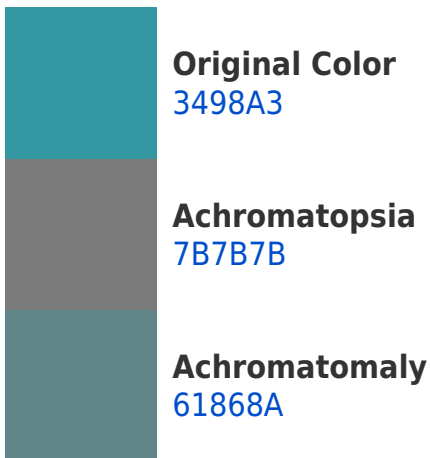


Tritanopia
3598A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3498A3 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 #3498A3 looks like.

```
.text, #text, p{  
    color:#3498A3  
}
```

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 #3498A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3498A3
}
```

Border

The CSS property to change the border of an element to Hex 3498A3 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
#3498A3 }
```

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

```
.border{ border-color:#3498A3 }
```

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

Here you see how a box with a 4 pixel #3498A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3498A3; -webkit-box-shadow:4px 4px  
4px 4px #3498A3; box-shadow:4px 4px 4px  
4px #3498A3 }
```

Background

The CSS property to change the background color of an element to Hex 3498A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3498A3 }
```

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

```
.background{ background-color:#3498A3 }
```

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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