

# Converting Colors

Hex(3398A4)

Have a look what the booklet for  
Hex(3398A4) contains.

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**Color**

**Hex(3398A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3398A4
RGB	51, 152, 164
RGB Percent	20%, 60%, 64%
CMY	0.8000, 0.4039, 0.3569
CMYK	0.69, 0.07, 0.00, 0.36
HSL	186°, 53%, 42%
HSV	186°, 69%, 64%
XYZ	19.2943, 25.8406, 39.0928
YIQ	123.1690, -64.0480, -17.6800

# Conversions

## Conversions Part 2

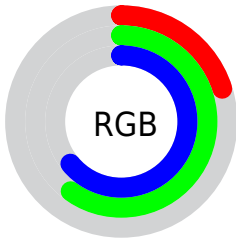
Format	Color
<a href="#">RYB</a>	<a href="#">51, 104, 164</a>
Decimal	<a href="#">3381412</a>
CIELab	<a href="#">57.89, -24.62, -14.76</a>
CIELCh	<a href="#">58, 28.702, 210.946</a>
Yxy	<a href="#">25.8406, 0.2291, 0.3068</a>
Android (android.graphics.Color)	<a href="#">4281571492</a> ( <a href="#">0xFF3398A4</a> )
YUV	<a href="#">123.1690, 20.1297, -63.2922</a>
Hunter-Lab	<a href="#">50.8337, -21.2078, -10.0124</a>

# Details

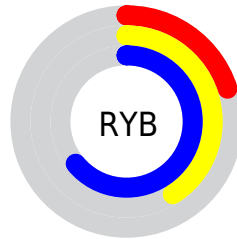
The Hex color **3398A4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A43F33**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **71CFDB**, and **006570** is the 20% darker color. If you saturate the color by 10%, you get **2396A4**, and if you desaturate by 10%, it is **439AA4**.

# Distribution



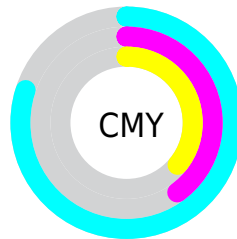
- Red (20%)
- Green (60%)
- Blue (64%)



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



- Cyan (69%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 3398A4 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 3398A4 by changing the saturation by 10% instead.



3398A4

3398A4

FFFFFF

007E8A

71CFDB

006570

8EEBF7

004C58

ABFFFF

003540

C8FFFF

00212A

E5FFFF

000116

000000

3398A4

3398A4

2396A4

439AA4

■ 1295A4

■ 549BA4

■ 0293A4

■ 649DA4

■ 0093A4

■ 759FA4

■ 85A1A4

■ 95A2A4

■ A6A4A4

■ B6A6A4

■ C7A8A4

# Harmonies

## Analogous

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



46998B



3398A4



4494B6

# Triad

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



3398A4



AC7CA4



9B8A59

# Complementary

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



3398A4



A43F33

# 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.



B08160



3398A4



BB788B

# Square

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



3398A4



8F84B6



BC7A73



81915F

# Rectangle

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



3398A4



5D90BC



BC7A73



A3875A



# Sweetspot

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



3398A4



A9D1D6



33A43E



50686B



EBEBEB



6B6B6B



# Same Dimension

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



3398A4



24C3D6



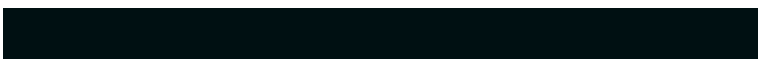
3360A4



495152



008291



001012



# Inverse Universe

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



A43398



D624C3



A47733



524951



910082



120010



# Previews

## White Background



This preview shows how the Hex color 3398A4 looks on a white background.

## Color Contrast Check

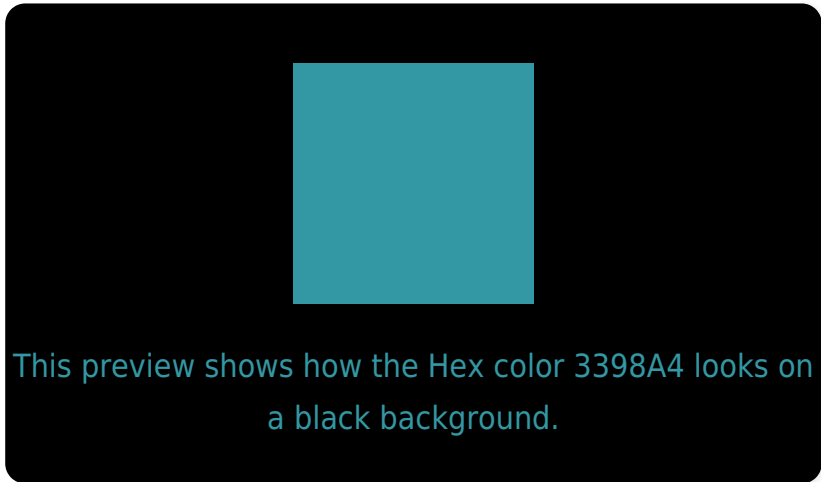
Large Text (above 18pt) WCAG AA ✓ Pass

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

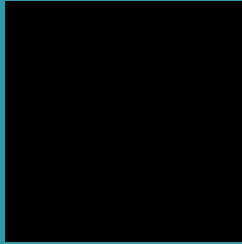
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3398A4 Background



This preview shows how black text looks on a background with the Hex color 3398A4.

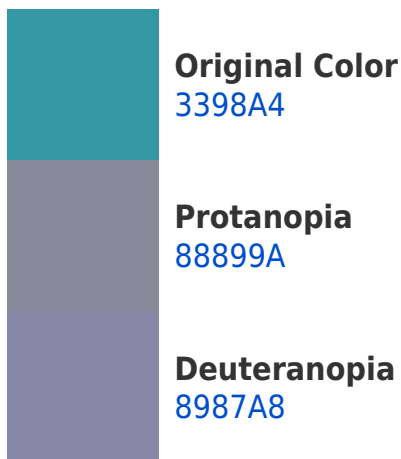


This preview shows how white text looks on a background with the Hex color 3398A4.

# 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](#).

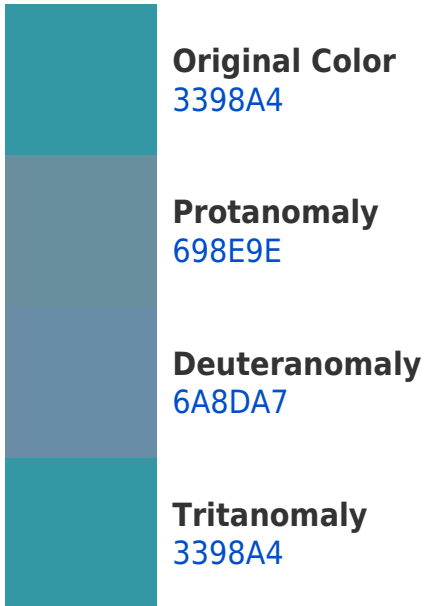
## Dichromacy



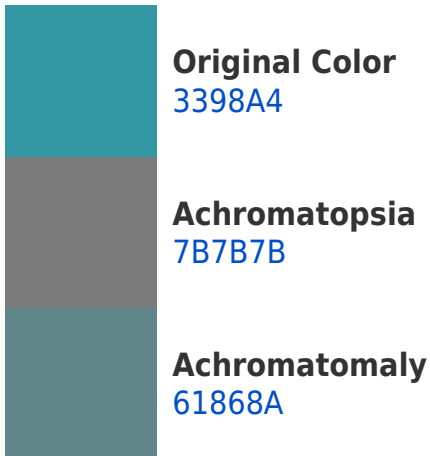


**Tritanopia**  
3398A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3398A4 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 #3398A4 looks like.

```
.text, #text, p{  
    color:#3398A4  
}
```

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 #3398A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3398A4
}
```

## Border

The CSS property to change the border of an element to Hex 3398A4 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
#3398A4 }
```

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

```
.border{ border-color:#3398A4 }
```

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

Here you see how a box with a 4 pixel #3398A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3398A4; -webkit-box-shadow:4px 4px  
4px 4px #3398A4; box-shadow:4px 4px 4px  
4px #3398A4 }
```

# Background

The CSS property to change the background color of an element to Hex 3398A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3398A4 }
```

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

```
.background{ background-color:#3398A4 }
```

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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