

# Converting Colors

Hex(5394A7)

Have a look what the booklet for  
Hex(5394A7) contains.

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**Color**

**Hex(5394A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5394A7
RGB	83, 148, 167
RGB Percent	33%, 58%, 65%
CMY	0.6745, 0.4196, 0.3451
CMYK	0.50, 0.11, 0.00, 0.35
HSL	194°, 34%, 49%
HSV	194°, 50%, 65%
XYZ	21.1322, 25.8088, 40.4270
YIQ	130.7310, -44.8390, -7.8710

# Conversions

## Conversions Part 2

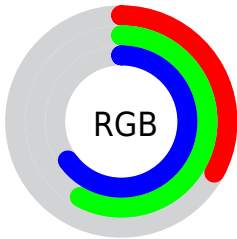
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 120, 167
Decimal	5477543
CIE <sub>Lab</sub>	57.86, -15.44, -16.41
CIE <sub>LCh</sub>	58, 22.530, 226.753
Yxy	25.8088, 0.2419, 0.2954
Android (android.graphics.Color)	4283667623 (0xFF5394A7)
YUV	130.7310, 17.8806, -41.8601
Hunter-Lab	50.8024, -14.6537, -11.6195

# Details

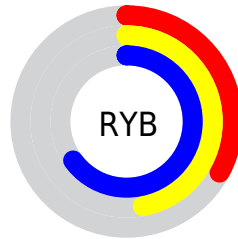
The Hex color **5394A7** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A76653**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8ACADE**, and **176173** is the 20% darker color. If you saturate the color by 10%, you get **4290A7**, and if you desaturate by 10%, it is **6498A7**.

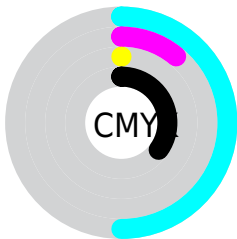
# Distribution



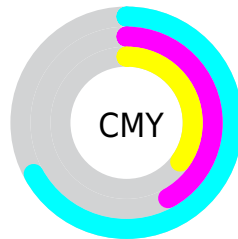
- Red (33%)
- Green (58%)
- Blue (65%)



- Red (33%)
- Yellow (47%)
- Blue (65%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (42%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5394A7 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 5394A7 by changing the saturation by 10% instead.



5394A7

5394A7

FFFFFF

377A8D

8ACADE

176173

A6E6FB

00495A

C2FFFF

003343

DFFFFF

001E2D

FCFFFF

000118

000000

5394A7

5394A7

4290A7

6498A7

■ 328CA7

■ 749CA7

■ 2189A7

■ 859FA7

■ 1085A7

■ 96A3A7

■ 0081A7

■ A6A7A7

■ B7ABA7

■ C8AEA7

■ D9B2A7

■ E9B6A7

# Harmonies

## Analogous

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



529696



5394A7



678FB1

# Triad

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



5394A7



AD7E95



8E8D65

# Complementary

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



5394A7



A76653

# 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.



A18765



5394A7



B37D81

# Square

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



5394A7



9B82A6



AF816F



789270

# Rectangle

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



5394A7



798BB2



AF816F



958B64



# Sweetspot

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



5394A7



B8D1D9



53A765



5A696E



EDEDED



6E6E6E



# Same Dimension

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



5394A7



57BBD9



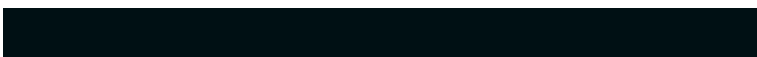
536BA7



4C5254



007294



001014



# Inverse Universe

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



A75394



D957BB



A78F53



544C52



940072

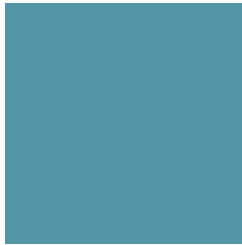


140010



# Previews

## White Background



This preview shows how the Hex color 5394A7 looks on a white background.

## Color Contrast Check

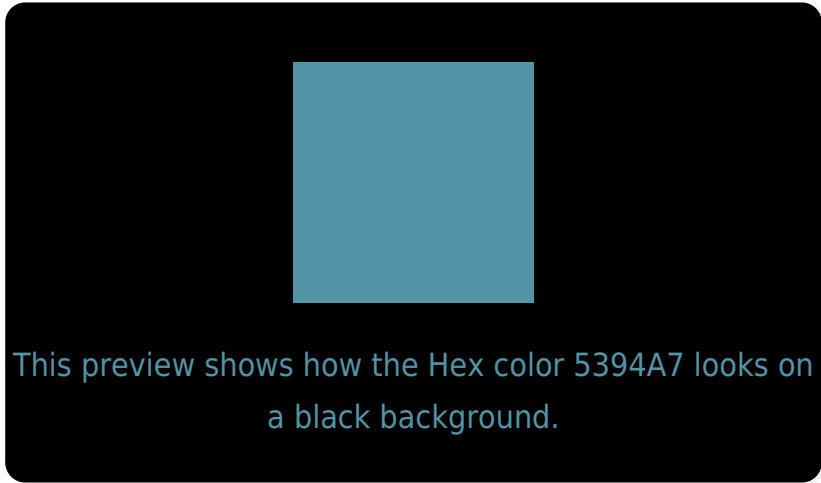
Large Text (above 18pt) WCAG AA ✓ Pass

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

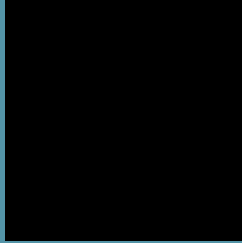
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5394A7 Background



This preview shows how black text looks on a background with the Hex color 5394A7.

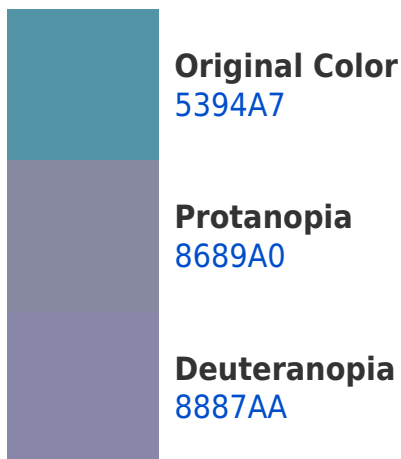


This preview shows how white text looks on a background with the Hex color 5394A7.

# 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](#).

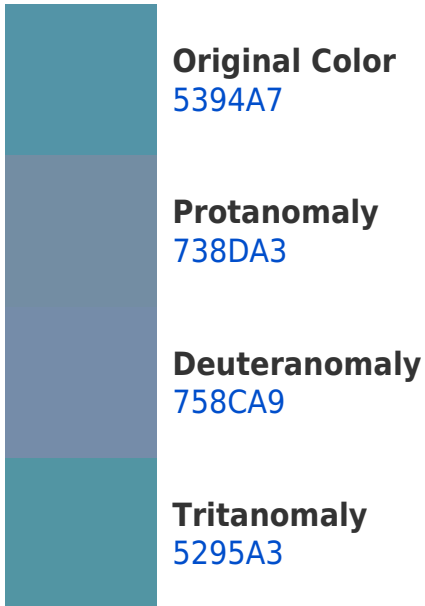
## Dichromacy





**Tritanopia**  
5195A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5394A7 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 #5394A7 looks like.

```
.text, #text, p{  
    color:#5394A7  
}
```

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 #5394A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5394A7
}
```

## Border

The CSS property to change the border of an element to Hex 5394A7 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
#5394A7 }
```

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

```
.border{ border-color:#5394A7 }
```

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

Here you see how a box with a 4 pixel #5394A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5394A7; -webkit-box-shadow:4px 4px  
4px 4px #5394A7; box-shadow:4px 4px 4px  
4px #5394A7 }
```

# Background

The CSS property to change the background color of an element to Hex 5394A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5394A7 }
```

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

```
.background{ background-color:#5394A7 }
```

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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