

# Converting Colors

Hex(058CA7)

Have a look what the booklet for  
Hex(058CA7) contains.

<b>Hex(058CA7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(058CA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	058CA7
RGB	5, 140, 167
RGB Percent	2%, 55%, 65%
CMY	0.9804, 0.4510, 0.3451
CMYK	0.97, 0.16, 0.00, 0.35
HSL	190°, 94%, 34%
HSV	190°, 97%, 65%
XYZ	16.4157, 21.5785, 39.8591
YIQ	102.7130, -89.1270, -20.2230

# Conversions

## Conversions Part 2

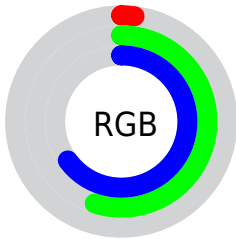
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	5, 79, 167
Decimal	363687
CIE <sub>Lab</sub>	53.58, -21.45, -23.11
CIE <sub>LCh</sub>	54, 31.533, 227.132
Y <sub>xy</sub>	21.5785, 0.2109, 0.2772
Android (android.graphics.Color)	4278553767 (0xFF058CA7)
Y <sub>UV</sub>	102.7130, 31.6935, -85.6943
Hunter-Lab	46.4526, -18.2126, -18.3575

# Details

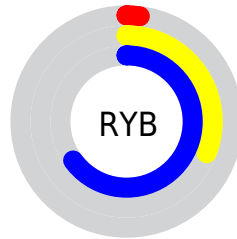
The Hex color **058CA7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A72005**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5CC2DE**, and **005A73** is the 20% darker color. If you saturate the color by 10%, you get **008BA7**, and if you desaturate by 10%, it is **168FA7**.

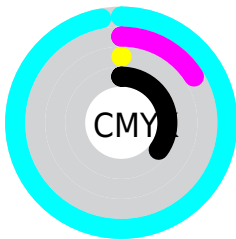
# Distribution



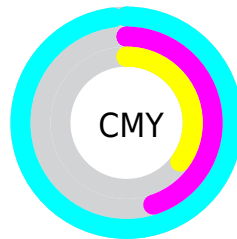
- Red (2%)
- Green (55%)
- Blue (65%)



- Red (2%)
- Yellow (31%)
- Blue (65%)



- Cyan (97%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (98%)
- Magenta (45%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 058CA7 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 058CA7 by changing the saturation by 10% instead.



058CA7

058CA7

FFFFFF

00728D

5CC2DE

005A73

7BDEFB

00425A

98FAFF

002B43

B6FFFF

00172C

D4FFFF

000118

F2FFFF

000000

058CA7

058CA7

008BA7

168FA7

■ 2692A7

■ 3794A7

■ 4897A7

■ 589AA7

■ 699DA7

■ 7A9FA7

■ 8BA2A7

■ 9BA5A7

# Harmonies

## Analogous

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



118E8F



058CA7



4286B4

# Triad

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



058CA7



AD6C8D



82834B

# Complementary

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



058CA7



A72005

# 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.



9C7A4B



058CA7



B56B71

# Square

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



058CA7



9673A5



AE7159



638A5A

# Rectangle

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



058CA7



6381B6



AE7159



8B8049



# Sweetspot

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



058CA7



9ACED9



05A720



47676E



EDEDED



6E6E6E



# Same Dimension

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



058CA7



00B5D9



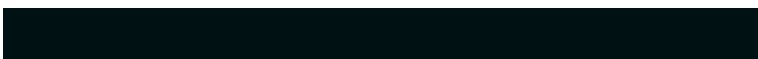
053BA7



4C5354



007B94



001114



# Inverse Universe

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



A7058C



D900B5



A77105



544C53



94007B



140011



# Previews

## White Background



This preview shows how the Hex color 058CA7 looks on a white background.

## Color Contrast Check

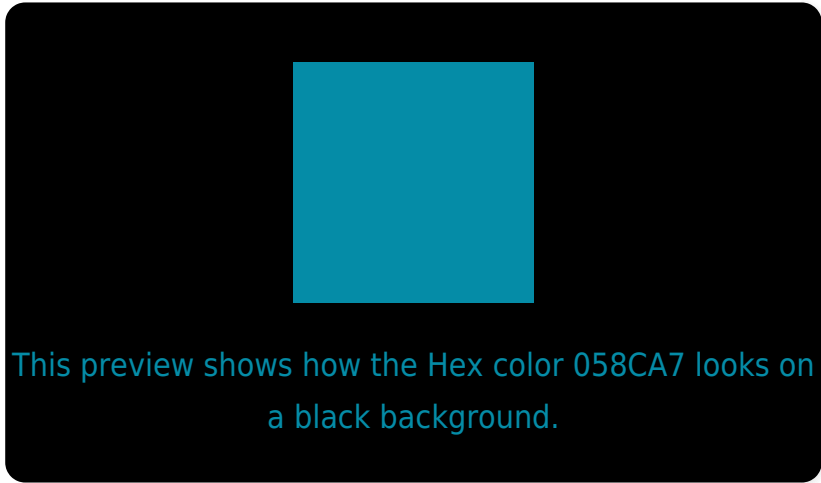
Large Text (above 18pt) WCAG AA ✓ Pass

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

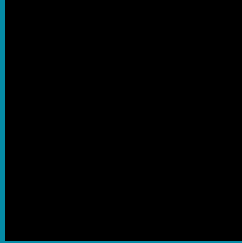
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 058CA7 Background



This preview shows how black text looks on a background with the Hex color 058CA7.



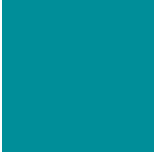
This preview shows how white text looks on a background with the Hex color 058CA7.

# 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



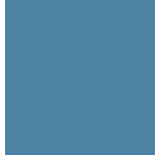


**Tritanopia**  
008E99

# Trichromacy



**Original Color**  
058CA7



**Protanomaly**  
4E83A1



**Deuteranomaly**  
4C82A9



**Tritanomaly**  
028D9E

# Monochromacy



**Original Color**  
058CA7



**Achromatopsia**  
676767



**Achromatomaly**  
43747E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 058CA7 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 #058CA7 looks like.

```
.text, #text, p{  
    color:#058CA7  
}
```

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 #058CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #058CA7
}
```

## Border

The CSS property to change the border of an element to Hex 058CA7 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
#058CA7 }
```

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

```
.border{ border-color:#058CA7 }
```

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

Here you see how a box with a 4 pixel #058CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #058CA7; -webkit-box-shadow:4px 4px  
4px 4px #058CA7; box-shadow:4px 4px 4px  
4px #058CA7 }
```

# Background

The CSS property to change the background color of an element to Hex 058CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#058CA7 }
```

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

```
.background{ background-color:#058CA7 }
```

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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