

# Converting Colors

Hex(058594)

Have a look what the booklet for  
Hex(058594) contains.

<b>Hex(058594)</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(058594)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	058594
RGB	5, 133, 148
RGB Percent	2%, 52%, 58%
CMY	0.9804, 0.4784, 0.4196
CMYK	0.97, 0.10, 0.00, 0.42
HSL	186°, 93%, 30%
HSV	186°, 97%, 58%
XYZ	13.7954, 18.9454, 30.9467
YIQ	96.4380, -81.1030, -22.4710

# Conversions

## Conversions Part 2

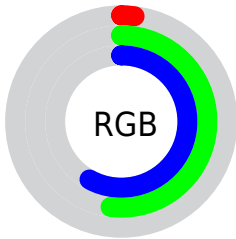
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 73, 148
Decimal	361876
CIE Lab	50.62, -24.40, -16.63
CIE LCh	51, 29.531, 214.271
Yxy	18.9454, 0.2166, 0.2975
Android (android.graphics.Color)	4278551956 (0xFF058594)
YUV	96.4380, 25.4201, -80.1911
Hunter-Lab	43.5264, -19.5967, -11.6860

# Details

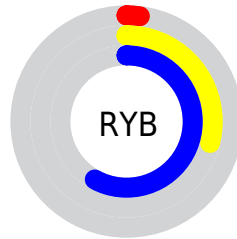
The Hex color **058594** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **941405**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **58BACA**, and **005361** is the 20% darker color. If you saturate the color by 10%, you get **008494**, and if you desaturate by 10%, it is **148794**.

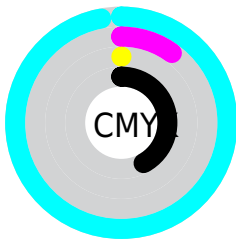
# Distribution



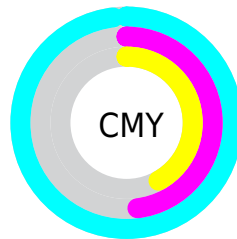
- Red (2%)
- Green (52%)
- Blue (58%)



- Red (2%)
- Yellow (29%)
- Blue (58%)



- Cyan (97%)
- Magenta (10%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (48%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 058594 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 058594 by changing the saturation by 10% instead.



 058594

 058594

FFFFFF

 006C7A

 58BACA

 005361

 75D6E6

 003B4A

 93F3FF

 002633

 B0FFFF

 00061E

 CDFFFF

 000001

 EBFFFF

 000000


 058594

 058594

 008494

 148794

 238894

 318A94

 408B94

 4F8D94

 5E8E94

 6D9094

 7B9194

 8A9394

# Harmonies

## Analogous

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



28867B



058594



2C81A5

# Triad

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



058594



9B688F



867846

# Complementary

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



058594



941405

# 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.



9B6F4C



058594



A86576

# Square

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



058594



8071A2



A8685D



6B7F4E

# Rectangle

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



058594



4B7CAA



A8685D



8D7546



# Sweetspot

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



058594



88B9BF



059413



3F5D61



E0E0E0



616161



# Same Dimension

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



058594



00ABBF



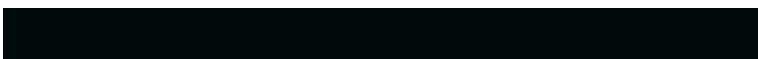
053E94



43494A



007B8A



00090A



# Inverse Universe

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



940585



BF00AB



945B05



4A4349



8A007B



0A0009



# Previews

## White Background



This preview shows how the Hex color 058594 looks on a white background.

## Color Contrast Check

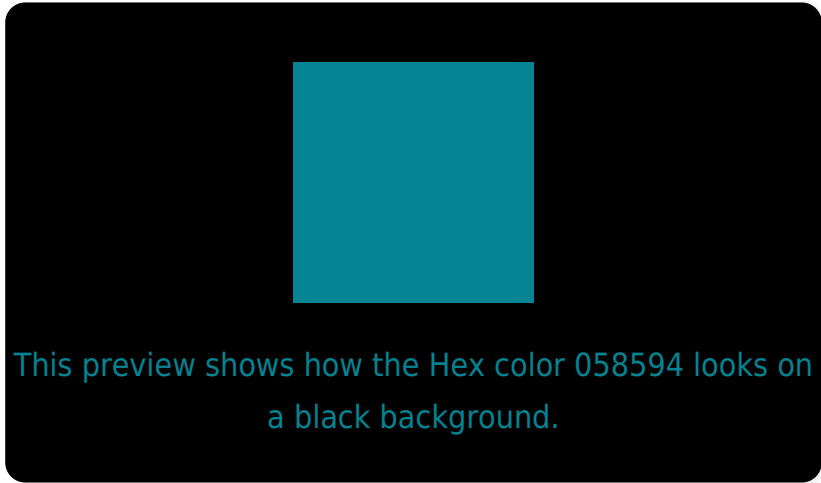
Large Text (above 18pt) WCAG AA ✓ Pass

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

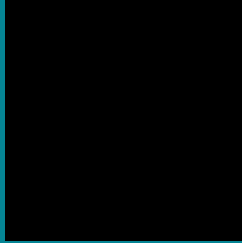
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 058594 Background



This preview shows how black text looks on a background with the Hex color 058594.

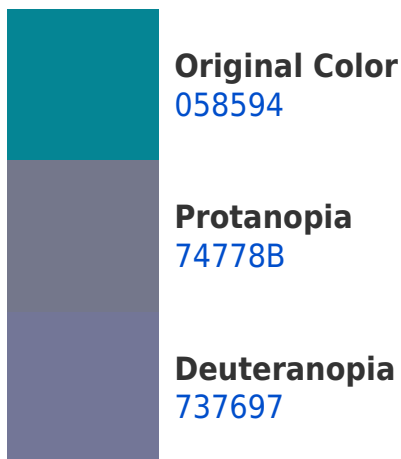


This preview shows how white text looks on a background with the Hex color 058594.

# 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**  
008590

# Trichromacy



**Original Color**  
058594



**Protanomaly**  
4C7C8E



**Deuteranomaly**  
4B7B96



**Tritanomaly**  
028591

# Monochromacy



**Original Color**  
058594



**Achromatopsia**  
606060



**Achromatomaly**  
3F6D73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 058594 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 #058594 looks like.

```
.text, #text, p{  
    color:#058594  
}
```

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 #058594 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #058594
}
```

## Border

The CSS property to change the border of an element to Hex 058594 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
#058594 }
```

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

```
.border{ border-color:#058594 }
```

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

Here you see how a box with a 4 pixel #058594 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #058594; -webkit-box-shadow:4px 4px  
4px 4px #058594; box-shadow:4px 4px 4px  
4px #058594 }
```

# Background

The CSS property to change the background color of an element to Hex 058594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#058594 }
```

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

```
.background{ background-color:#058594 }
```

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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