

# Converting Colors

Hex(05889A)

Have a look what the booklet for  
Hex(05889A) contains.

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# Color

**Hex(05889A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	05889A
RGB	5, 136, 154
RGB Percent	2%, 53%, 60%
CMY	0.9804, 0.4667, 0.3961
CMYK	0.97, 0.12, 0.00, 0.40
HSL	187°, 94%, 31%
HSV	187°, 97%, 60%
XYZ	14.6995, 19.9737, 33.6524
YIQ	98.8830, -83.8540, -22.1740

# Conversions

## Conversions Part 2

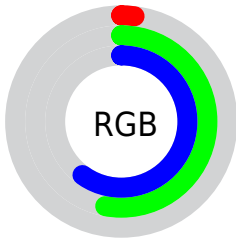
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 75, 154
Decimal	362650
CIELab	51.81, -23.89, -18.31
CIELCh	52, 30.100, 217.474
Yxy	19.9737, 0.2151, 0.2923
Android (android.graphics.Color)	4278552730 (0xFF05889A)
YUV	98.8830, 27.1727, -82.3354
Hunter-Lab	44.6919, -19.5010, -13.3602

# Details

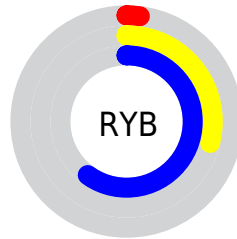
The Hex color **05889A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A1705**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **59BED0**, and **005667** is the 20% darker color. If you saturate the color by 10%, you get **00879A**, and if you desaturate by 10%, it is **148A9A**.

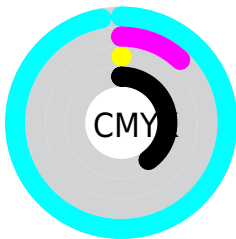
# Distribution



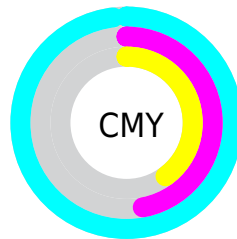
- Red (2%)
- Green (53%)
- Blue (60%)



- Red (2%)
- Yellow (29%)
- Blue (60%)



- Cyan (97%)
- Magenta (12%)
- Yellow (0%)
- Black (40%)



- Cyan (98%)
- Magenta (47%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05889A 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 05889A by changing the saturation by 10% instead.



 05889A

 05889A

FFFFFF

 006E80

 59BED0

 005667

 77DAED

 003E4F

 95F6FF

 002838

 B2FFFF

 000E23

 D0FFFF

 00000A

 EEEFFF

 000000

 05889A

 05889A

 00879A

 148A9A

■ 248C9A

■ 338E9A

■ 438F9A

■ 52919A

■ 61939A

■ 71959A

■ 80979A

■ 90999A

# Harmonies

## Analogous

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



258981



05889A



3383AB

# Triad

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



05889A



A16A90



867C48

# Complementary

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



05889A



9A1705

# 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.



9D734C



05889A



AD6776

# Square

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



05889A



8772A4



AB6B5D



6A8352

# Rectangle

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



05889A



527FAF



AB6B5D



8E7948



# Sweetspot

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



05889A



8FC2C9



059A16



426266



E6E6E6



666666



# Same Dimension

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



05889A



00B1C9



053E9A



454C4D



007B8C



000B0D



# Inverse Universe

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



9A0588



C900B1



9A6105



4D454C



8C007B



0D000B



# Previews

## White Background



This preview shows how the Hex color 05889A looks on a white background.

## Color Contrast Check

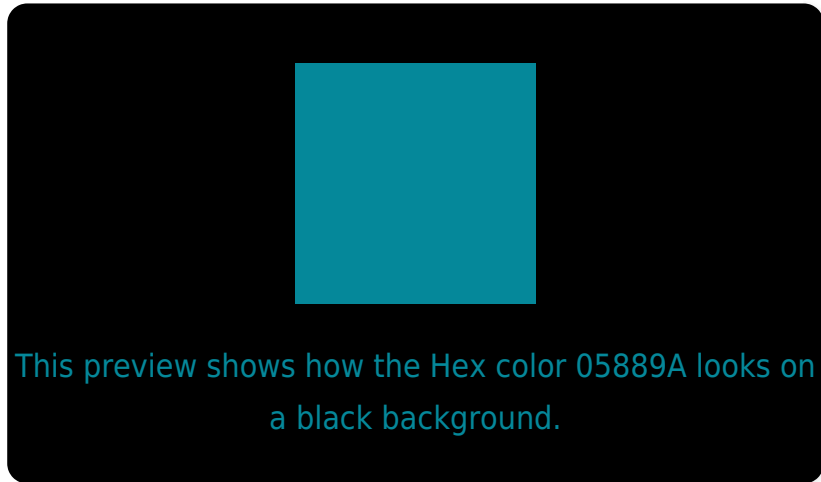
Large Text (above 18pt) WCAG AA ✓ Pass

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

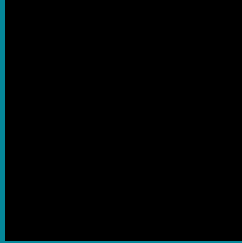
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 05889A Background



This preview shows how black text looks on a background with the Hex color 05889A.

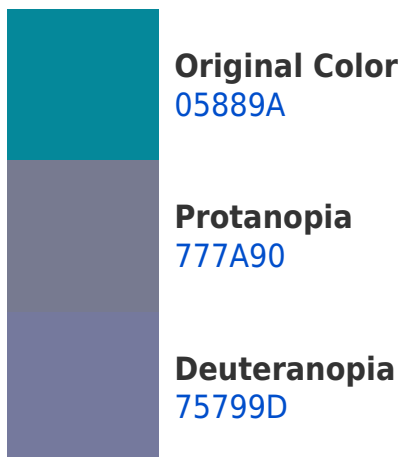


This preview shows how white text looks on a background with the Hex color 05889A.

# 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**  
008994

# Trichromacy



**Original Color**  
05889A



**Protanomaly**  
4E7F94



**Deuteranomaly**  
4C7E9C



**Tritanomaly**  
028996

# Monochromacy



**Original Color**  
05889A



**Achromatopsia**  
636363



**Achromatomaly**  
417077

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05889A 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 #05889A looks like.

```
.text, #text, p{  
    color:#05889A  
}
```

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 #05889A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05889A
}
```

## Border

The CSS property to change the border of an element to Hex 05889A 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
#05889A }
```

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

```
.border{ border-color:#05889A }
```

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

Here you see how a box with a 4 pixel #05889A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05889A; -webkit-box-shadow:4px 4px  
4px 4px #05889A; box-shadow:4px 4px 4px  
4px #05889A }
```

# Background

The CSS property to change the background color of an element to Hex 05889A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05889A }
```

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

```
.background{ background-color:#05889A }
```

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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