

Converting Colors

Hex(05739C)

Have a look what the booklet for
Hex(05739C) contains.

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Color

Hex(05739C)

Conversions

Conversions Part 1

Format	Color
Hex	05739C
RGB	5, 115, 156
RGB Percent	2%, 45%, 61%
CMY	0.9804, 0.5490, 0.3882
CMYK	0.97, 0.26, 0.00, 0.39
HSL	196°, 94%, 32%
HSV	196°, 97%, 61%
XYZ	12.1941, 14.6940, 33.6460
YIQ	86.7840, -78.7210, -10.5690

Conversions

Conversions Part 2

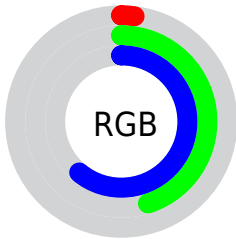
Format	Color
RYB	5, 69, 156
Decimal	357276
CIELab	45.21, -11.67, -29.68
CIELCh	45, 31.887, 248.536
Yxy	14.6940, 0.2014, 0.2427
Android (android.graphics.Color)	4278547356 (0xFF05739C)
YUV	86.7840, 34.1235, -71.7246
Hunter-Lab	38.3328, -10.2996, -25.2079

Details

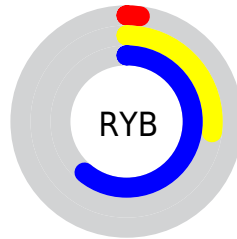
The Hex color **05739C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9C2E05**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **57A7D3**, and **004368** is the 20% darker color. If you saturate the color by 10%, you get **00729C**, and if you desaturate by 10%, it is **15779C**.

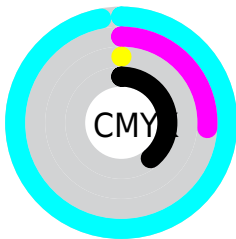
Distribution



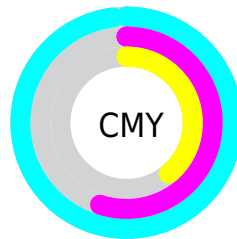
- Red (2%)
- Green (45%)
- Blue (61%)



- Red (2%)
- Yellow (27%)
- Blue (61%)



- Cyan (97%)
- Magenta (26%)
- Yellow (0%)
- Black (39%)



- Cyan (98%)
- Magenta (55%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05739C 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 05739C by changing the saturation by 10% instead.

05739C

05739C

FFFFFF

005A82

57A7D3

004368

75C2EF

002D50

92DEFF

001939

AFFBFF

000223

CDFFFF

00000A

EAffff

000000

05739C

05739C

00729C

15779C

■ 247B9C

■ 34809C

■ 43849C

■ 53889C

■ 638C9C

■ 72919C

■ 82959C

■ 91999C

Harmonies

Analogous

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



00788B



05739C



4E6B9F

Triad

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



05739C



9E5564



587340

Complementary

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



05739C



9C2E05

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.



746C35



05739C



9A5A4B

Square

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



05739C



92587F



8B633A



347757

Rectangle

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



05739C



6B659A



8B633A



62713B

Sweetspot

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



05739C



91BCCC



059C2D



425C66



E6E6E6



666666

Same Dimension

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



05739C



0095CC



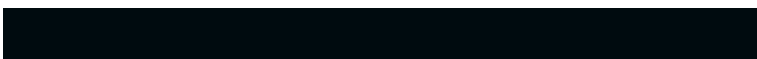
05289C



474D4F



00688F



000B0F

Inverse Universe

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



9C0573



CC0095



9C7905



4F474D



8F0068



0F000B

Previews

White Background



This preview shows how the Hex color 05739C looks on a white background.

Color Contrast Check

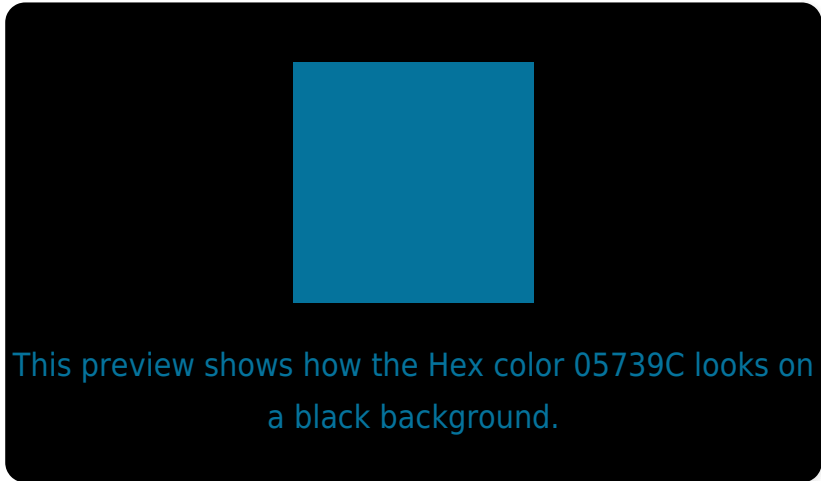
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

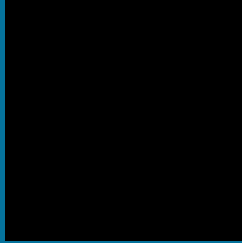
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 05739C Background



This preview shows how black text looks on a background with the Hex color 05739C.

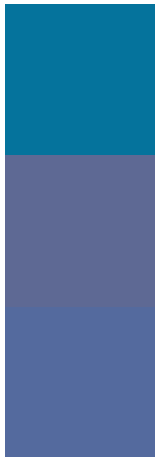


This preview shows how white text looks on a background with the Hex color 05739C.

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



Original Color
05739C

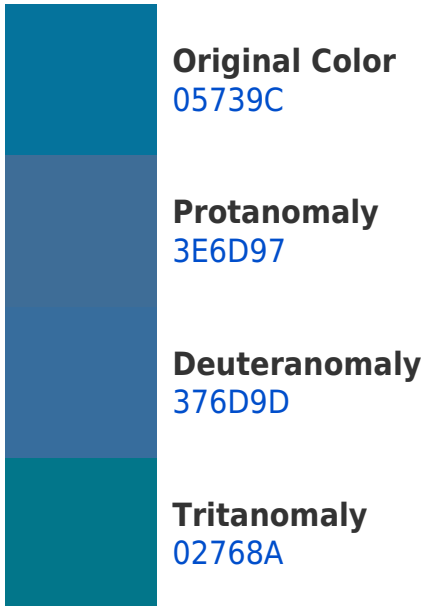
Protanopia
5E6994

Deuteranopia
546A9E



Tritanopia
007780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 05739C 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 #05739C looks like.

```
.text, #text, p{  
    color:#05739C  
}
```

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 #05739C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05739C
}
```

Border

The CSS property to change the border of an element to Hex 05739C 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
#05739C }
```

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

```
.border{ border-color:#05739C }
```

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

Here you see how a box with a 4 pixel #05739C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05739C; -webkit-box-shadow:4px 4px  
4px 4px #05739C; box-shadow:4px 4px 4px  
4px #05739C }
```

Background

The CSS property to change the background color of an element to Hex 05739C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05739C }
```

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

```
.background{ background-color:#05739C }
```

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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