

Converting Colors

Hex(05749E)

Have a look what the booklet for
Hex(05749E) contains.

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Color

Hex(05749E)

Conversions

Conversions Part 1

Format	Color
Hex	05749E
RGB	5, 116, 158
RGB Percent	2%, 45%, 62%
CMY	0.9804, 0.5451, 0.3804
CMYK	0.97, 0.27, 0.00, 0.38
HSL	196°, 94%, 32%
HSV	196°, 97%, 62%
XYZ	12.4795, 14.9917, 34.5837
YIQ	87.5990, -79.6380, -10.4700

Conversions

Conversions Part 2

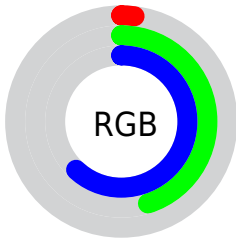
Format	Color
RYB	5, 69, 158
Decimal	357534
CIELab	45.62, -11.49, -30.21
CIElCh	46, 32.322, 249.186
Yxy	14.9917, 0.2011, 0.2416
Android (android.graphics.Color)	4278547614 (0xFF05749E)
YUV	87.5990, 34.7077, -72.4393
Hunter-Lab	38.7191, -10.2261, -25.8542

Details

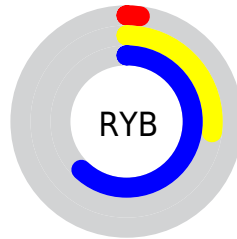
The Hex color **05749E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9E2F05**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **58A8D5**, and **00446A** is the 20% darker color. If you saturate the color by 10%, you get **00739E**, and if you desaturate by 10%, it is **15789E**.

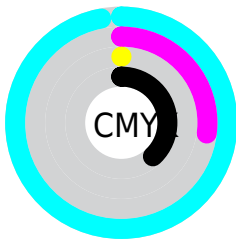
Distribution



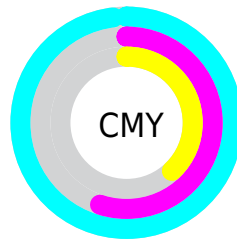
- Red (2%)
- Green (45%)
- Blue (62%)



- Red (2%)
- Yellow (27%)
- Blue (62%)



- Cyan (97%)
- Magenta (27%)
- Yellow (0%)
- Black (38%)



- Cyan (98%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05749E 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 05749E by changing the saturation by 10% instead.

■ 05749E

■ 05749E

FFFFFF

■ 005B84

■ 58A8D5

■ 00446A

■ 75C3F1

■ 002E52

■ 93DFFF

■ 001A3B

■ B0FCFF

■ 000225

■ CDFFFF

■ 00010D

■ EBFFFF

■ 000000

■ 05749E

■ 05749E

■ 00739E

■ 15789E

■ 257D9E

■ 34819E

■ 44859E

■ 548A9E

■ 648E9E

■ 74929E

■ 83979E

■ 939B9E

Harmonies

Analogous

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



00798D



05749E



506CA1

Triad

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



05749E



9F5665



587441

Complementary

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



05749E



9E2F05

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.



756D35



05749E



9C5B4B

Square

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



05749E



945980



8C643A



337958

Rectangle

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



05749E



6D659B



8C643A



62723B

Sweetspot

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



05749E



93BECF



059E2E



445F69



E8E8E8



696969

Same Dimension

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



05749E



0096CF



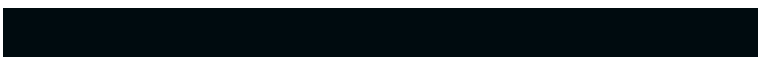
05299E



474D4F



00688F



000B0F

Inverse Universe

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



9E0574



CF0096



9E7A05



4F474D



8F0068



0F000B

Previews

White Background



This preview shows how the Hex color 05749E looks on a white background.

Color Contrast Check

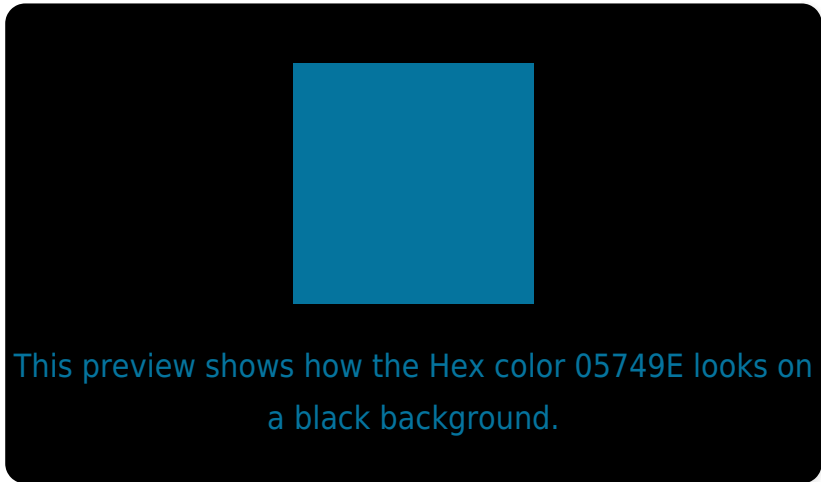
Large Text (above 18pt) WCAG AA ✓ Pass

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

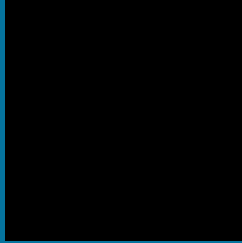
Any Text WCAG AA × Fail

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 05749E Background



This preview shows how black text looks on a background with the Hex color 05749E.



This preview shows how white text looks on a background with the Hex color 05749E.

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](#).

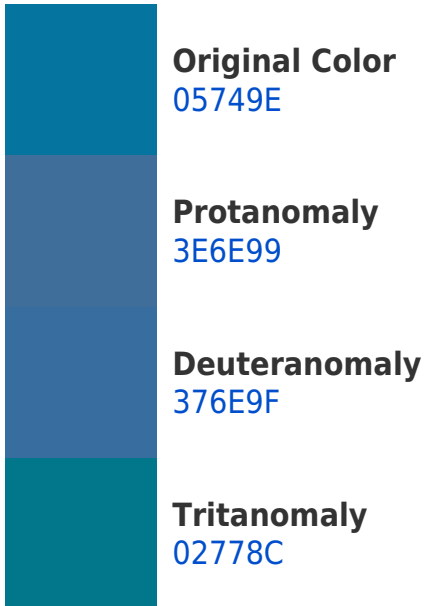
Dichromacy





Tritanopia
007881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 05749E 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 #05749E looks like.

```
.text, #text, p{  
    color:#05749E  
}
```

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 #05749E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05749E
}
```

Border

The CSS property to change the border of an element to Hex 05749E 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
#05749E }
```

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

```
.border{ border-color:#05749E }
```

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

Here you see how a box with a 4 pixel #05749E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05749E; -webkit-box-shadow:4px 4px  
4px 4px #05749E; box-shadow:4px 4px 4px  
4px #05749E }
```

Background

The CSS property to change the background color of an element to Hex 05749E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05749E }
```

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

```
.background{ background-color:#05749E }
```

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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