

Converting Colors

Hex(07589E)

Have a look what the booklet for
Hex(07589E) contains.

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Color

Hex(07589E)

Conversions

Conversions Part 1

Format	Color
Hex	07589E
RGB	7, 88, 158
RGB Percent	3%, 35%, 62%
CMY	0.9725, 0.6549, 0.3804
CMYK	0.96, 0.44, 0.00, 0.38
HSL	208°, 92%, 32%
HSV	208°, 96%, 62%
XYZ	9.7489, 9.4932, 33.6663
YIQ	71.7610, -70.7460, 4.5980

Conversions

Conversions Part 2

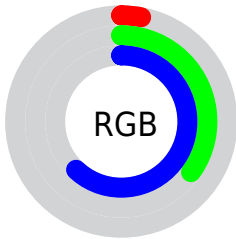
Format	Color
RYB	7, 60, 158
Decimal	481438
CIELab	36.92, 5.96, -44.00
CIElCh	37, 44.406, 277.712
Yxy	9.4932, 0.1843, 0.1794
Android (android.graphics.Color)	4278671518 (0xFF07589E)
YUV	71.7610, 42.5158, -56.7954
Hunter-Lab	30.8111, 2.5595, -43.2165

Details

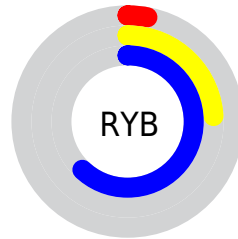
The Hex color **07589E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E4D07**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5789D5**, and **002C6A** is the 20% darker color. If you saturate the color by 10%, you get **00559E**, and if you desaturate by 10%, it is **175F9E**.

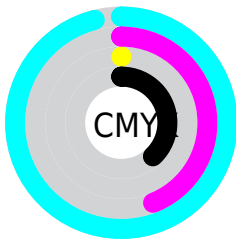
Distribution



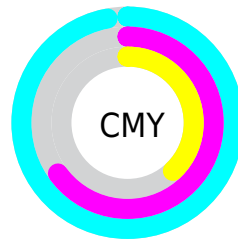
- Red (3%)
- Green (35%)
- Blue (62%)



- Red (3%)
- Yellow (24%)
- Blue (62%)



- Cyan (96%)
- Magenta (44%)
- Yellow (0%)
- Black (38%)



- Cyan (97%)
- Magenta (65%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07589E 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 07589E by changing the saturation by 10% instead.

07589E

07589E

FFFFFF

004184

5789D5

002C6A

75A3F2

001851

92BEFF

00053A

AFDAFF

000223

CCF7FF

00000A

EAFFFF

000000

07589E

07589E

00559E

175F9E

■ 27679E

■ 366E9E

■ 46759E

■ 567D9E

■ 66849E

■ 768B9E

■ 85939E

■ 959A9E

Harmonies

Analogous

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



006299



07589E



644990

Triad

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



07589E



923C2D



00663A

Complementary

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



07589E



9E4D07

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.



3A6119



07589E



7E4B10

Square

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



07589E



97334F



605801



00685F

Rectangle

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



07589E



7F3E7E



605801



0C652E

Sweetspot

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



07589E



93B3CF



079E4B



445869



E8E8E8



696969

Same Dimension

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



07589E



006FCF



070F9E



474B4F



004D8F



00080F

Inverse Universe

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



9E0758



CF006F



9E9607



4F474B



8F004D



0F0008

Previews

White Background



This preview shows how the Hex color 07589E looks on a white background.

Color Contrast Check

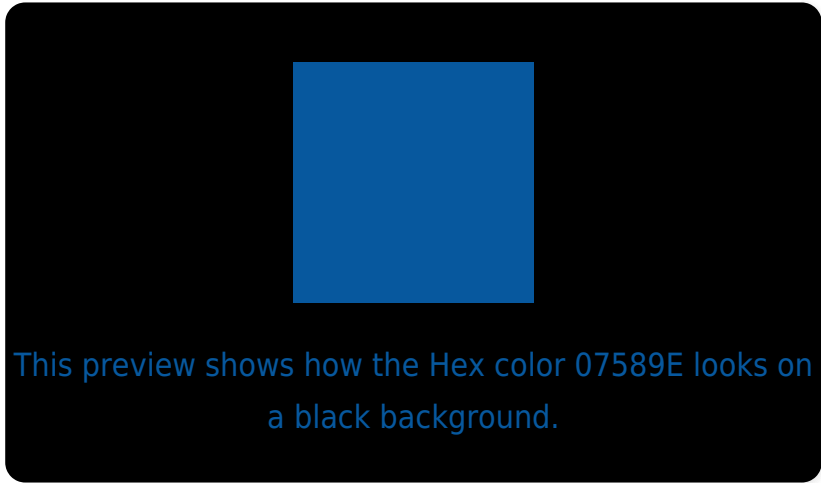
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

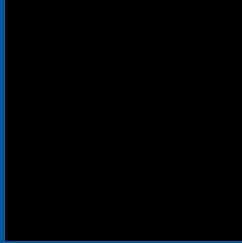
Any Text WCAG AA × Fail

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 07589E Background



This preview shows how black text looks on a background with the Hex color 07589E.



This preview shows how white text looks on a background with the Hex color 07589E.

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





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 07589E 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 #07589E looks like.

```
.text, #text, p{  
    color:#07589E  
}
```

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 #07589E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07589E
}
```

Border

The CSS property to change the border of an element to Hex 07589E is called "border". The border property can be set on classes, ids or directly on the HTML element.

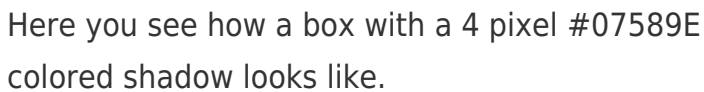
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07589E }
```

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

```
.border{ border-color:#07589E }
```

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



Here you see how a box with a 4 pixel #07589E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07589E; -webkit-box-shadow:4px 4px  
4px 4px #07589E; box-shadow:4px 4px 4px  
4px #07589E }
```

Background

The CSS property to change the background color of an element to Hex 07589E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07589E }
```

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

```
.background{ background-color:#07589E }
```

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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