

Converting Colors

Hex(07519C)

Have a look what the booklet for
Hex(07519C) contains.

Hex(07519C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(07519C)

Conversions

Conversions Part 1

Format	Color
Hex	07519C
RGB	7, 81, 156
RGB Percent	3%, 32%, 61%
CMY	0.9725, 0.6824, 0.3882
CMYK	0.96, 0.48, 0.00, 0.39
HSL	210°, 91%, 32%
HSV	210°, 96%, 61%
XYZ	9.0308, 8.3303, 32.5844
YIQ	67.4240, -68.1790, 7.6370

Conversions

Conversions Part 2

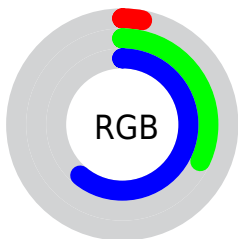
Format	Color
RYB	7, 56, 156
Decimal	479644
CIELab	34.66, 9.79, -46.43
CIElCh	35, 47.449, 281.904
Yxy	8.3303, 0.1808, 0.1668
Android (android.graphics.Color)	4278669724 (0xFF07519C)
YUV	67.4240, 43.6680, -52.9918
Hunter-Lab	28.8623, 5.3423, -46.7325

Details

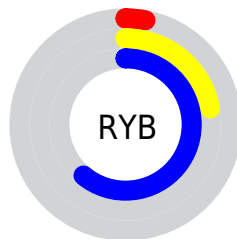
The Hex color **07519C** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **9C5207**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5782D3**, and **002668** is the 20% darker color. If you saturate the color by 10%, you get **004D9C**, and if you desaturate by 10%, it is **17599C**.

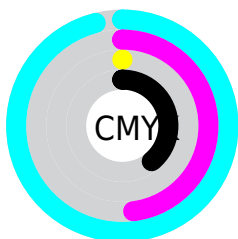
Distribution



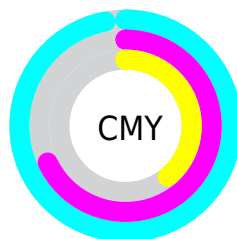
- Red (3%)
- Green (32%)
- Blue (61%)



- Red (3%)
- Yellow (22%)
- Blue (61%)



- Cyan (96%)
- Magenta (48%)
- Yellow (0%)
- Black (39%)



- Cyan (97%)
- Magenta (68%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07519C 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 07519C by changing the saturation by 10% instead.

■ 07519C

■ 07519C

FFFFFF

■ 003B82

■ 5782D3

■ 002668

■ 749CF0

■ 00114F

■ 91B6FF

■ 000538

■ AED2FF

■ 000221

■ CCEEFF

■ 000007

■ E9FFFF

■ 000000

■ 07519C

■ 07519C

■ 004D9C

■ 17599C

■ 26619C

■ 36699C

■ 45709C

■ 55789C

■ 65809C

■ 74889C

■ 84909C

■ 93989C

Harmonies

Analogous

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



005C9A



07519C



66408A

Triad

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



07519C



8C3620



006139

Complementary

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



07519C



9C5207

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.



2A5D12



07519C



754700

Square

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



07519C



942944



555500



006360

Rectangle

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



07519C



803476



555500



00602C

Sweetspot

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



07519C



91AECC



079C52



425466



E6E6E6



666666

Same Dimension

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



07519C



0065CC



07079C



474B4F



00478F



00080F

Inverse Universe

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



9C0751



CC0065



9C9C07



4F474B



8F0047



0F0008

Previews

White Background



This preview shows how the Hex color 07519C looks on a white background.

Color Contrast Check

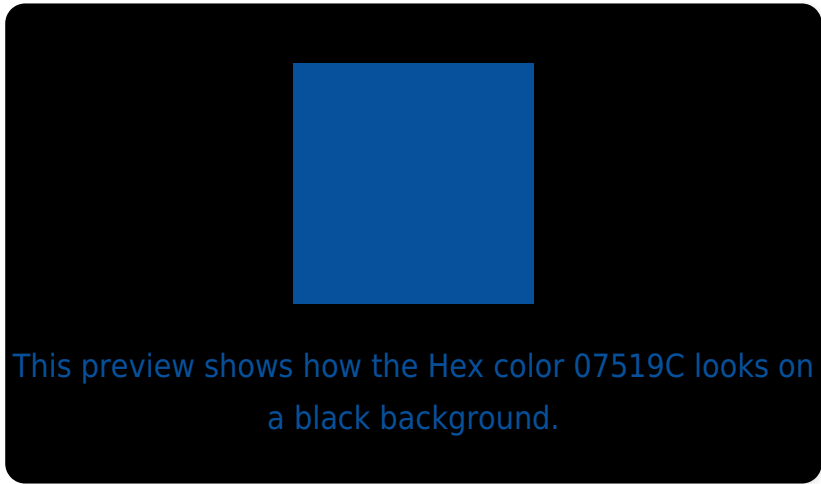
Large Text (above 18pt) WCAG AA ✓ Pass

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

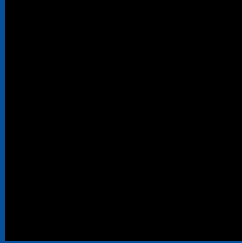
Any Text WCAG AA × Fail

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 07519C Background



This preview shows how black text looks on a background with the Hex color 07519C.



This preview shows how white text looks on a background with the Hex color 07519C.

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
005B61

Trichromacy



Original Color
07519C

Protanomaly
1D509B

Deuteranomaly
035296

Tritanomaly
035776

Monochromacy



Original Color
07519C

Achromatopsia
434343

Achromatomaly
2D4863

CSS Examples

Text

The CSS property to change the color of the text to Hex 07519C 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 #07519C looks like.

```
.text, #text, p{  
    color:#07519C  
}
```

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 #07519C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07519C
}
```

Border

The CSS property to change the border of an element to Hex 07519C is called "border". The border property can be set on classes, ids or directly on the HTML element.

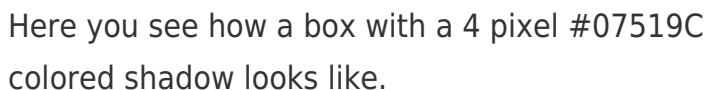
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07519C }
```

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

```
.border{ border-color:#07519C }
```

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



Here you see how a box with a 4 pixel #07519C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07519C; -webkit-box-shadow:4px 4px  
4px 4px #07519C; box-shadow:4px 4px 4px  
4px #07519C }
```

Background

The CSS property to change the background color of an element to Hex 07519C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07519C }
```

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

```
.background{ background-color:#07519C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor