

Converting Colors

Hex(00519E)

Have a look what the booklet for
Hex(00519E) contains.

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Color

Hex(00519E)

Conversions

Conversions Part 1

Format	Color
Hex	00519E
RGB	0, 81, 158
RGB Percent	0%, 32%, 62%
CMY	1.0000, 0.6824, 0.3804
CMYK	1.00, 0.49, 0.00, 0.38
HSL	209°, 100%, 31%
HSV	209°, 100%, 62%
XYZ	9.1140, 8.3535, 33.4798
YIQ	65.5590, -72.9930, 6.7750

Conversions

Conversions Part 2

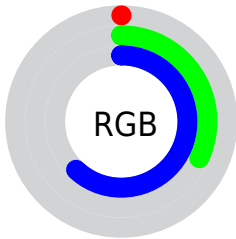
Format	Color
RYB	0, 54, 158
Decimal	20894
CIELab	34.71, 10.28, -47.56
CIELCh	35, 48.661, 282.200
Yxy	8.3535, 0.1789, 0.1640
Android (android.graphics.Color)	4278210974 (0xFF00519E)
YUV	65.5590, 45.5734, -57.4952
Hunter-Lab	28.9024, 5.7084, -48.4483

Details

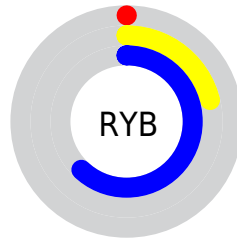
The Hex color **00519E** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **9E4D00**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5682D5**, and **00266A** is the 20% darker color. If you saturate the color by 10%, you get **00519E**, and if you desaturate by 10%, it is **10599E**.

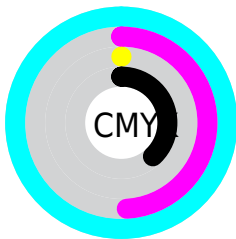
Distribution



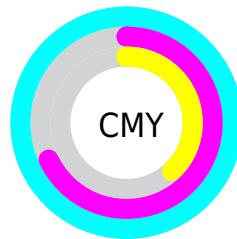
- Red (0%)
- Green (32%)
- Blue (62%)



- Red (0%)
- Yellow (21%)
- Blue (62%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (68%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00519E 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 00519E by changing the saturation by 10% instead.

 00519E

 00519E

FFFFFF

 003B83

 5682D5

 00266A

 739BF2

 001151

 91B6FF

 000539

 AED2FF

 000223

 CBEEFF

 00000A

 E9FFFF

 000000

 00519E

 10599E

■ 20609E

■ 2F689E

■ 3F709E

■ 4F789E

■ 5F7F9E

■ 6F879E

■ 7E8F9E

■ 8E969E

Harmonies

Analogous

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



005C9C



00519E



673F8C

Triad

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



00519E



8D351F



006238

Complementary

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



00519E



9E4D00

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.



275D10



00519E



764700

Square

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



00519E



962744



555500



006361

Rectangle

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



00519E



823276



555500



00612B

Sweetspot

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



00519E



91B0CF



009E4C



435669



E8E8E8



696969

Same Dimension

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



00519E



006ACF



00039E



474B4F



00498F



00080F

Inverse Universe

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



9E0051



CF006A



9E9B00



4F474B



8F0049



0F0008

Previews

White Background



This preview shows how the Hex color 00519E looks on a white background.

Color Contrast Check

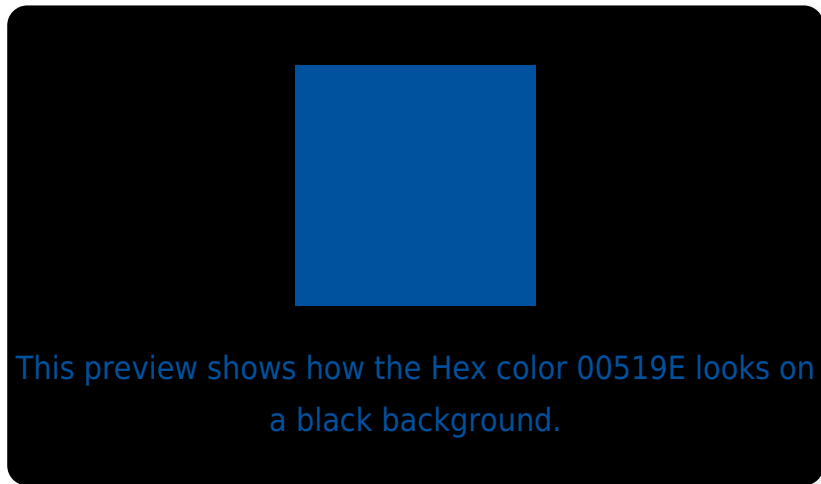
Large Text (above 18pt) WCAG AA ✓ Pass

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

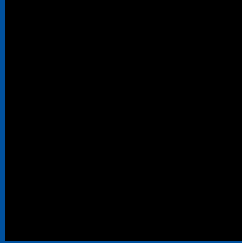
Any Text WCAG AA × Fail

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 00519E Background



This preview shows how black text looks on a background with the Hex color 00519E.



This preview shows how white text looks on a background with the Hex color 00519E.

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



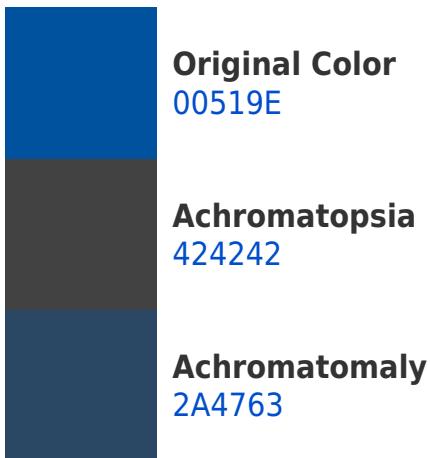


Tritanopia
005B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00519E 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 #00519E looks like.

```
.text, #text, p{  
    color:#00519E  
}
```

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 #00519E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00519E
}
```

Border

The CSS property to change the border of an element to Hex 00519E is called "border". The border property can be set on classes, ids or directly on the HTML element.

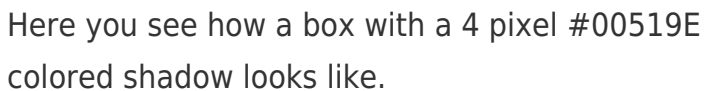
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00519E }
```

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

```
.border{ border-color:#00519E }
```

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



Here you see how a box with a 4 pixel #00519E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00519E; -webkit-box-shadow:4px 4px  
4px 4px #00519E; box-shadow:4px 4px 4px  
4px #00519E }
```

Background

The CSS property to change the background color of an element to Hex 00519E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00519E }
```

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

```
.background{ background-color:#00519E }
```

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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