

Converting Colors

Hex(00519A)

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

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Color

Hex(00519A)

Conversions

Conversions Part 1

Format	Color
Hex	00519A
RGB	0, 81, 154
RGB Percent	0%, 32%, 60%
CMY	1.0000, 0.6824, 0.3961
CMYK	1.00, 0.47, 0.00, 0.40
HSL	208°, 100%, 30%
HSV	208°, 100%, 60%
XYZ	8.7752, 8.2180, 31.6956
YIQ	65.1030, -71.7090, 5.5310

Conversions

Conversions Part 2

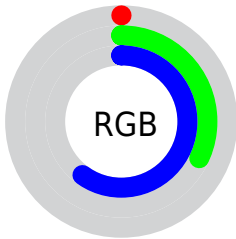
Format	Color
R_{YB}	0, 53, 154
Decimal	20890
CIE Lab	34.43, 8.60, -45.60
CIE LCh	34, 46.400, 280.682
Yxy	8.2180, 0.1802, 0.1688
Android (android.graphics.Color)	4278210970 (0xFF00519A)
YUV	65.1030, 43.8262, -57.0953
Hunter-Lab	28.6670, 4.4729, -45.4870

Details

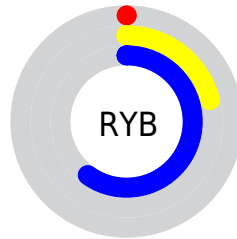
The Hex color **00519A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A4900**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5482D1**, and **002666** is the 20% darker color. If you saturate the color by 10%, you get **00519A**, and if you desaturate by 10%, it is **0F589A**.

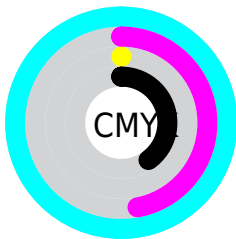
Distribution



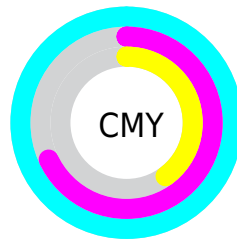
- Red (0%)
- Green (32%)
- Blue (60%)



- Red (0%)
- Yellow (21%)
- Blue (60%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (68%)
- Yellow (40%)

Brightness & Saturation Gradients

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

■ 00519A

■ 00519A

FFFFFF

■ 003B80

■ 5482D1

■ 002666

■ 729CEE

■ 00114E

■ 8FB6FF

■ 000536

■ ACD2FF

■ 000220

■ C9EEFF

■ 000004

■ E7FFFF

■ 000000

■ 00519A

■ 0F589A

 1F609A

 2E679A

 3E6E9A

 4D769A

 5C7D9A

 6C849A

 7B8B9A

 8B939A

Harmonies

Analogous

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



005C97



00519A



634189

Triad

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



00519A



8B3622



006037

Complementary

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



00519A



9A4900

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.



2D5C12



00519A



754600

Square

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



00519A



922A45



565300



00625E

Rectangle

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



00519A



7D3576



565300



005F2B

Sweetspot

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



00519A



8DADC9



009A48



415566



E6E6E6



666666

Same Dimension

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



00519A



006AC9



00059A



45494D



004A8C



00070D

Inverse Universe

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



9A0051



C9006A



9A9500



4D4549



8C004A



0D0007

Previews

White Background



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

Color Contrast Check

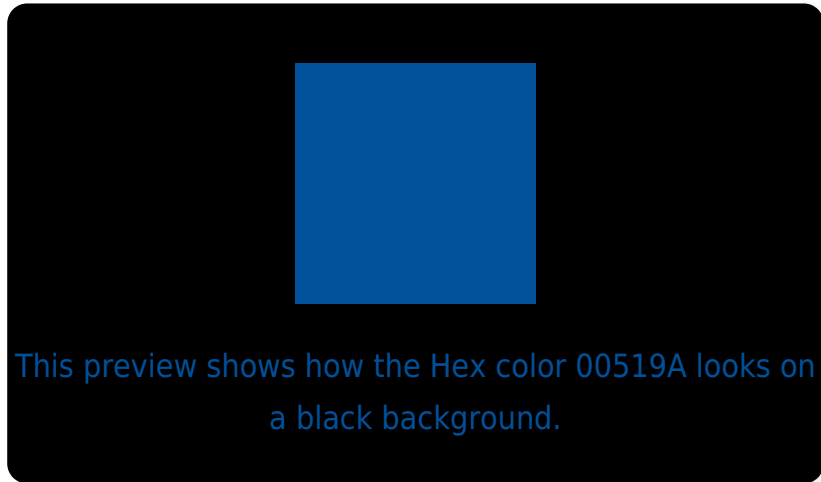
Large Text (above 18pt) WCAG AA ✓ Pass

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

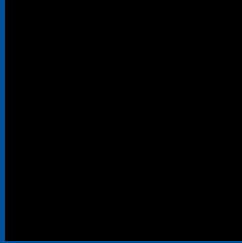
Any Text WCAG AA × Fail

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 00519A Background



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



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

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



Original Color
00519A

Protanomaly
1B5099

Deuteranomaly
005294

Monochromacy



Original Color
00519A

Achromatopsia
414141

Achromatomaly
294761

CSS Examples

Text

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

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

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 #00519A colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 00519A 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
#00519A }
```

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

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

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

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

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

Background

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

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

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

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

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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