

Converting Colors

Hex(00499B)

Have a look what the booklet for
Hex(00499B) contains.

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Color

Hex(00499B)

Conversions

Conversions Part 1

Format	Color
Hex	00499B
RGB	0, 73, 155
RGB Percent	0%, 29%, 61%
CMY	1.0000, 0.7137, 0.3922
CMYK	1.00, 0.53, 0.00, 0.39
HSL	212°, 100%, 30%
HSV	212°, 100%, 61%
XYZ	8.2989, 7.1316, 31.9495
YIQ	60.5210, -69.8300, 10.0260

Conversions

Conversions Part 2

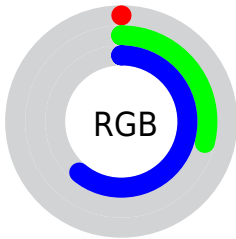
Format	Color
RYB	0, 50, 155
Decimal	18843
CIELab	32.10, 14.47, -49.96
CIELCh	32, 52.016, 286.153
Yxy	7.1316, 0.1752, 0.1505
Android (android.graphics.Color)	4278208923 (0xFF00499B)
YUV	60.5210, 46.5781, -53.0769
Hunter-Lab	26.7051, 8.7370, -52.2398

Details

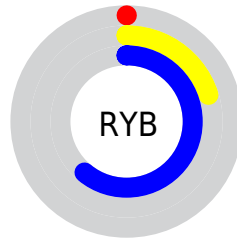
The Hex color **00499B** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **9B5200**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5579D2**, and **001F67** is the 20% darker color. If you saturate the color by 10%, you get **00499B**, and if you desaturate by 10%, it is **0F519B**.

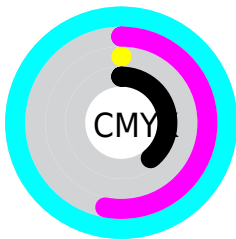
Distribution



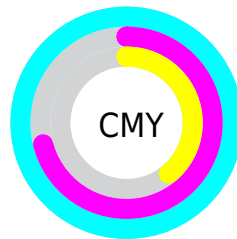
- Red (0%)
- Green (29%)
- Blue (61%)



- Red (0%)
- Yellow (20%)
- Blue (61%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (71%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00499B 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 00499B by changing the saturation by 10% instead.

 00499B

 00499B

FFFFFF

 003381

 5579D2

 001F67

 7392EF

 00064E

 90ADFF

 000537

 ADC8FF

 000220

 CAE4FF

 000005

 E8FFFF

 000000

 00499B

 0F519B

 1F599B

 2F629B

 3E6A9B

 4E729B

 5D7A9B

 6C829B

 7C8B9B

 8B939B

Harmonies

Analogous

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



00569C



00499B



683585

Triad

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



00499B



862F10



005C36

Complementary

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



00499B



9B5200

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.



0D5808



00499B



6C4300

Square

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



00499B



921A37



485000



005D61

Rectangle

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



00499B



82256D



485000



005B28

Sweetspot

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



00499B



8DA9C9



009B50



415366



E6E6E6



666666

Same Dimension

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



00499B



005FC9



03009B



45484D



00428C



00060D

Inverse Universe

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



9B0049



C9005F



989B00



4D4548



8C0042



0D0006

Previews

White Background



This preview shows how the Hex color 00499B looks on a white background.

Color Contrast Check

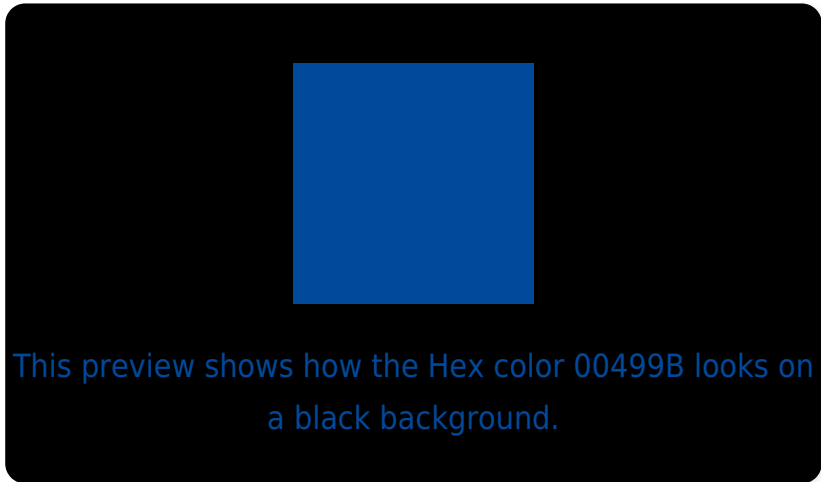
Large Text (above 18pt) WCAG AA ✓ Pass

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

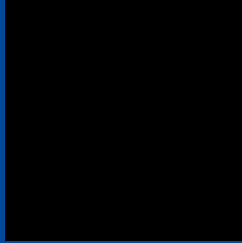
Any Text WCAG AA × Fail

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 00499B Background



This preview shows how black text looks on a background with the Hex color 00499B.



This preview shows how white text looks on a background with the Hex color 00499B.

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



Original Color
00499B

Protanopia
08499B

Deuteranopia
004E86



Tritanopia
00545A

Trichromacy



Original Color

00499B

Protanomaly

05499B

Deuteranomaly

004C8E

Tritanomaly

005072

Monochromacy



Original Color

00499B

Achromatopsia

3D3D3D

Achromatomaly

27415F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00499B 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 #00499B looks like.

```
.text, #text, p{  
    color:#00499B  
}
```

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 #00499B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00499B
}
```

Border

The CSS property to change the border of an element to Hex 00499B 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
#00499B }
```

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

```
.border{ border-color:#00499B }
```

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

Here you see how a box with a 4 pixel #00499B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00499B; -webkit-box-shadow:4px 4px  
4px 4px #00499B; box-shadow:4px 4px 4px  
4px #00499B }
```

Background

The CSS property to change the background color of an element to Hex 00499B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00499B }
```

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

```
.background{ background-color:#00499B }
```

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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