

Converting Colors

Hex(00599C)

Have a look what the booklet for
Hex(00599C) contains.

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Color

Hex(00599C)

Conversions

Conversions Part 1

Format	Color
Hex	00599C
RGB	0, 89, 156
RGB Percent	0%, 35%, 61%
CMY	1.0000, 0.6510, 0.3882
CMYK	1.00, 0.43, 0.00, 0.39
HSL	206°, 100%, 31%
HSV	206°, 100%, 61%
XYZ	9.5731, 9.5451, 32.7903
YIQ	70.0270, -74.5510, 1.9690

Conversions

Conversions Part 2

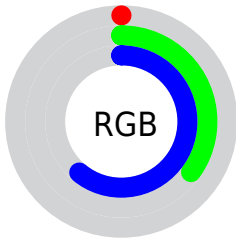
Format	Color
RYB	0, 57, 156
Decimal	22940
CIELab	37.01, 4.13, -42.66
CIELCh	37, 42.855, 275.530
Yxy	9.5451, 0.1844, 0.1839
Android (android.graphics.Color)	4278213020 (0xFF00599C)
YUV	70.0270, 42.3847, -61.4137
Hunter-Lab	30.8951, 1.2435, -41.3005

Details

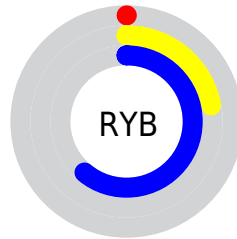
The Hex color **00599C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9C4300**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **558AD3**, and **002C68** is the 20% darker color. If you saturate the color by 10%, you get **00599C**, and if you desaturate by 10%, it is **10609C**.

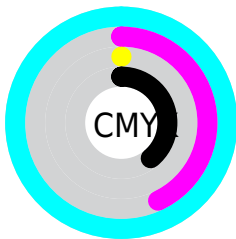
Distribution



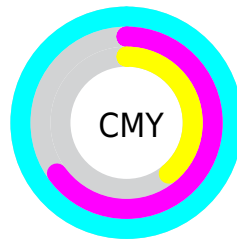
- Red (0%)
- Green (35%)
- Blue (61%)



- Red (0%)
- Yellow (22%)
- Blue (61%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (65%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00599C 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 00599C by changing the saturation by 10% instead.

 00599C

 00599C

FFFFFF

 004282

 558AD3

 002C68

 73A5F0

 00194F

 90C0FF

 000538

 ADDBFF

 000222

 CAF8FF

 000007

 E8FFFF

 000000

 00599C

 10609C

■ 1F669C

■ 2F6D9C

■ 3E749C

■ 4E7B9C

■ 5E819C

■ 6D889C

■ 7D8F9C

■ 8C959C

Harmonies

Analogous

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



006296



00599C



604B90

Triad

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



00599C



913D31



006539

Complementary

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



00599C



9C4300

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.



3F601A



00599C



7F4B15

Square

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



00599C



953552



635807



00675D

Rectangle

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



00599C



7C417F



635807



1A642E

Sweetspot

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



00599C



8FB2CC



009C41



415666



E6E6E6



666666

Same Dimension

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



00599C



0074CC



000D9C



474C4F



00518F



00090F

Inverse Universe

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



9C0059



CC0074



9C8F00



4F474C



8F0051



0F0009

Previews

White Background



This preview shows how the Hex color 00599C looks on a white background.

Color Contrast Check

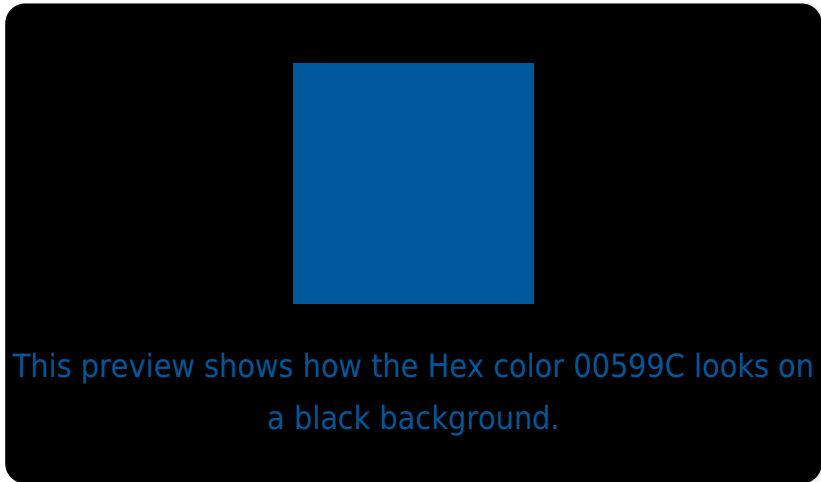
Large Text (above 18pt) WCAG AA ✓ Pass

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

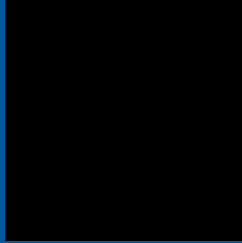
Any Text WCAG AA × Fail

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 00599C Background



This preview shows how black text looks on a background with the Hex color 00599C.



This preview shows how white text looks on a background with the Hex color 00599C.

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 00599C 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 #00599C looks like.

```
.text, #text, p{  
    color:#00599C  
}
```

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 #00599C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00599C
}
```

Border

The CSS property to change the border of an element to Hex 00599C 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
#00599C }
```

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

```
.border{ border-color:#00599C }
```

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

Here you see how a box with a 4 pixel #00599C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00599C; -webkit-box-shadow:4px 4px  
4px 4px #00599C; box-shadow:4px 4px 4px  
4px #00599C }
```

Background

The CSS property to change the background color of an element to Hex 00599C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00599C }
```

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

```
.background{ background-color:#00599C }
```

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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