

Converting Colors

Hex(00609C)

Have a look what the booklet for
Hex(00609C) contains.

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Color

Hex(00609C)

Conversions

Conversions Part 1

Format	Color
Hex	00609C
RGB	0, 96, 156
RGB Percent	0%, 38%, 61%
CMY	1.0000, 0.6235, 0.3882
CMYK	1.00, 0.38, 0.00, 0.39
HSL	203°, 100%, 31%
HSV	203°, 100%, 61%
XYZ	10.1836, 10.7660, 32.9938
YIQ	74.1360, -76.4760, -1.6920

Conversions

Conversions Part 2

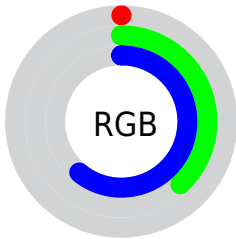
Format	Color
RYB	0, 59, 156
Decimal	24732
CIELab	39.18, -0.38, -39.19
CIELCh	39, 39.192, 269.442
Yxy	10.7660, 0.1888, 0.1996
Android (android.graphics.Color)	4278214812 (0xFF00609C)
YUV	74.1360, 40.3590, -65.0173
Hunter-Lab	32.8116, -2.0200, -36.6510

Details

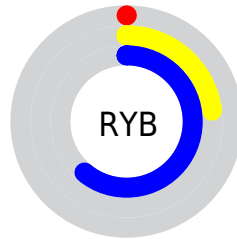
The Hex color **00609C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9C3C00**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5592D3**, and **003268** is the 20% darker color. If you saturate the color by 10%, you get **00609C**, and if you desaturate by 10%, it is **10669C**.

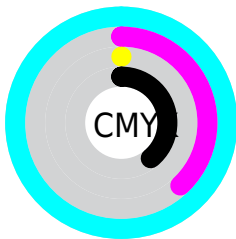
Distribution



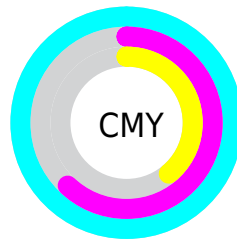
- Red (0%)
- Green (38%)
- Blue (61%)



- Red (0%)
- Yellow (23%)
- Blue (61%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00609C 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 00609C by changing the saturation by 10% instead.

00609C

00609C

FFFFFF

004982

5592D3

003268

73ADEF

001E50

90C8FF

000538

ADE4FF

000222

CAFFFF

000008

E8FFFF

000000

00609C

10669C

 1F6C9C

 2F729C

 3E789C

 4E7E9C

 5E849C

 6D8A9C

 7D909C

 8C969C

Harmonies

Analogous

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



006893



00609C



5C5494

Triad

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



00609C



95433F



21693A

Complementary

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



00609C



9C3C00

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.



4E6421



00609C



874E25

Square

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



00609C



953F5E



6E5A18



006C5B

Rectangle

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



00609C



784B86



6E5A18



336831

Sweetspot

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



00609C



8FB4CC



009C3C



415866



E6E6E6



666666

Same Dimension

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



00609C



007ECC



00129C



474C4F



00588F



00090F

Inverse Universe

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



9C0060



CC007E



9C8A00



4F474C



8F0058



0F0009

Previews

White Background



This preview shows how the Hex color 00609C looks on a white background.

Color Contrast Check

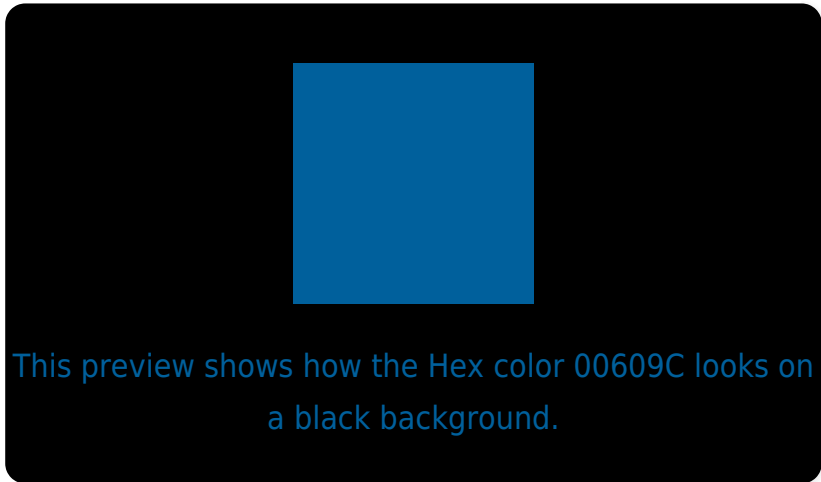
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

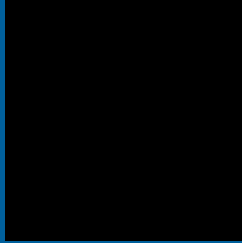
Any Text WCAG AA × Fail

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 00609C Background



This preview shows how black text looks on a background with the Hex color 00609C.



This preview shows how white text looks on a background with the Hex color 00609C.

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
00676E

Trichromacy



Original Color
00609C

Protanomaly
2B5C99

Deuteranomaly
1D5E9D

Tritanomaly
00647F

Monochromacy



Original Color
00609C

Achromatopsia
4A4A4A

Achromatomaly
2F5268

CSS Examples

Text

The CSS property to change the color of the text to Hex 00609C 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 #00609C looks like.

```
.text, #text, p{  
    color:#00609C  
}
```

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 #00609C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00609C
}
```

Border

The CSS property to change the border of an element to Hex 00609C 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
#00609C }
```

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

```
.border{ border-color:#00609C }
```

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

Here you see how a box with a 4 pixel #00609C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00609C; -webkit-box-shadow:4px 4px  
4px 4px #00609C; box-shadow:4px 4px 4px  
4px #00609C }
```

Background

The CSS property to change the background color of an element to Hex 00609C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00609C }
```

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

```
.background{ background-color:#00609C }
```

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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