

Converting Colors

Hex(00469C)

Have a look what the booklet for
Hex(00469C) contains.

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Color

Hex(00469C)

Conversions

Conversions Part 1

Format	Color
Hex	00469C
RGB	0, 70, 156
RGB Percent	0%, 27%, 61%
CMY	1.0000, 0.7255, 0.3882
CMYK	1.00, 0.55, 0.00, 0.39
HSL	213°, 100%, 31%
HSV	213°, 100%, 61%
XYZ	8.1909, 6.7806, 32.3296
YIQ	58.8740, -69.3260, 11.9060

Conversions

Conversions Part 2

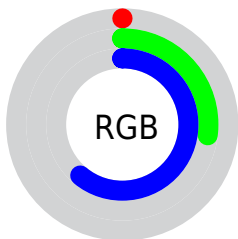
Format	Color
RYB	0, 48, 156
Decimal	18076
CIELab	31.30, 16.96, -51.87
CIELCh	31, 54.575, 288.109
Yxy	6.7806, 0.1732, 0.1434
Android (android.graphics.Color)	4278208156 (0xFF00469C)
YUV	58.8740, 47.8831, -51.6325
Hunter-Lab	26.0396, 10.5788, -55.3840

Details

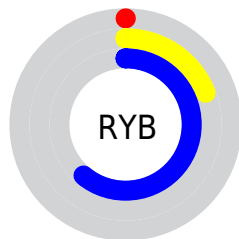
The Hex color **00469C** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **9C5600**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5576D3**, and **001C68** is the 20% darker color. If you saturate the color by 10%, you get **00469C**, and if you desaturate by 10%, it is **104F9C**.

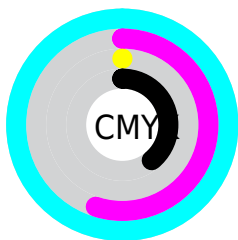
Distribution



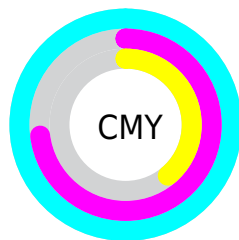
- Red (0%)
- Green (27%)
- Blue (61%)



- Red (0%)
- Yellow (19%)
- Blue (61%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (73%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00469C 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 00469C by changing the saturation by 10% instead.

 00469C

 00469C


FFFFFF

 003081

 5576D3

 001C68

 738FF0

 00014F

 90A9FF

 000537

 AEC4FF

 000221

 CBE0FF

 000006

 E9FDFF

 000000

 00469C

 104F9C

■ 1F579C

■ 2F609C

■ 3E689C

■ 4E719C

■ 5E7A9C

■ 6D829C

■ 7D8B9C

■ 8C939C

Harmonies

Analogous

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



00549E



00469C



6A2F83

Triad

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



00469C



852C06



005B37

Complementary

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



00469C



9C5600

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.



005704



00469C



694200

Square

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



00469C



931132



434F00



005C63

Rectangle

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



00469C



841C6A



434F00



005A27

Sweetspot

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



00469C



8FAACC



009C56



415266



E6E6E6



666666

Same Dimension

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



00469C



005CCC



08009C



474B4F



00408F



00070F

Inverse Universe

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



9C0046



CC005C



949C00



4F474B



8F0040



0F0007

Previews

White Background



This preview shows how the Hex color 00469C looks on a white background.

Color Contrast Check

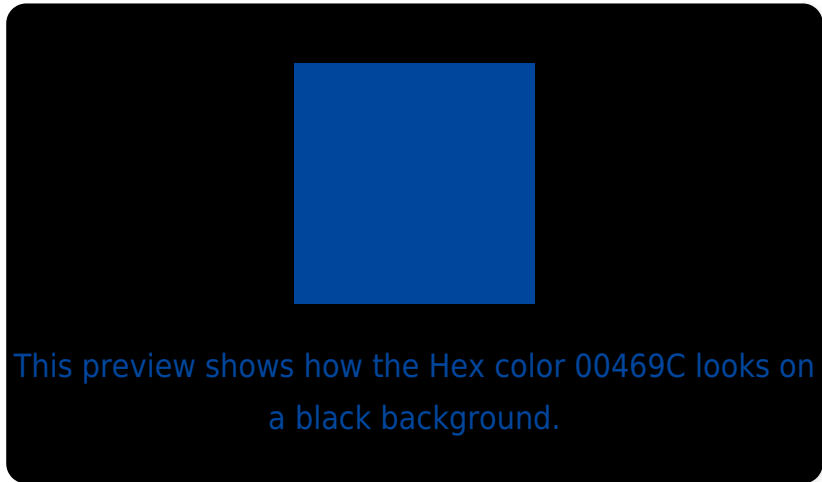
Large Text (above 18pt) WCAG AA ✓ Pass

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

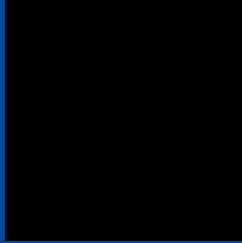
Any Text WCAG AA × Fail

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 00469C Background



This preview shows how black text looks on a background with the Hex color 00469C.



This preview shows how white text looks on a background with the Hex color 00469C.

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

00469C

Protanopia

004797

Deuteranopia

004C82

Trichromacy



Original Color
00469C

Protanomaly
004799

Deuteranomaly
004A8B

Tritanomaly
004E70

Monochromacy



Original Color
00469C

Achromatopsia
3B3B3B

Achromatomaly
263F5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00469C 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 #00469C looks like.

```
.text, #text, p{  
    color:#00469C  
}
```

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 #00469C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00469C
}
```

Border

The CSS property to change the border of an element to Hex 00469C 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
#00469C }
```

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

```
.border{ border-color:#00469C }
```

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

Here you see how a box with a 4 pixel #00469C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00469C; -webkit-box-shadow:4px 4px  
4px 4px #00469C; box-shadow:4px 4px 4px  
4px #00469C }
```

Background

The CSS property to change the background color of an element to Hex 00469C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00469C }
```

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

```
.background{ background-color:#00469C }
```

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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