

Converting Colors

Hex(06429D)

Have a look what the booklet for
Hex(06429D) contains.

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Color

Hex(06429D)

Conversions

Conversions Part 1

Format	Color
Hex	06429D
RGB	6, 66, 157
RGB Percent	2%, 26%, 62%
CMY	0.9765, 0.7412, 0.3843
CMYK	0.96, 0.58, 0.00, 0.38
HSL	216°, 93%, 32%
HSV	216°, 96%, 62%
XYZ	8.1091, 6.3695, 32.7003
YIQ	58.4340, -64.9710, 15.5810

Conversions

Conversions Part 2

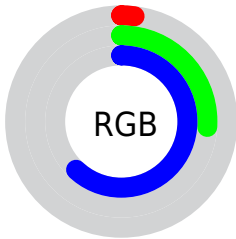
Format	Color
RYB	6, 49, 157
Decimal	410269
CIELab	30.33, 20.43, -54.06
CIElCh	30, 57.795, 290.704
Yxy	6.3695, 0.1719, 0.1350
Android (android.graphics.Color)	4278600349 (0xFF06429D)
YUV	58.4340, 48.5930, -45.9846
Hunter-Lab	25.2378, 13.1874, -59.1549

Details

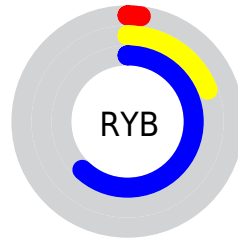
The Hex color **06429D** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9D6106**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5871D4**, and **001969** is the 20% darker color. If you saturate the color by 10%, you get **003E9D**, and if you desaturate by 10%, it is **164B9D**.

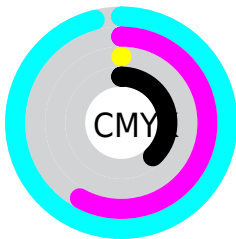
Distribution



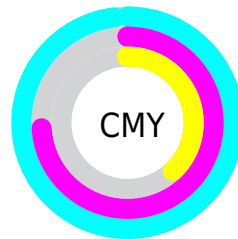
- Red (2%)
- Green (26%)
- Blue (62%)



- Red (2%)
- Yellow (19%)
- Blue (62%)



- Cyan (96%)
- Magenta (58%)
- Yellow (0%)
- Black (38%)



- Cyan (98%)
- Magenta (74%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06429D 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 06429D by changing the saturation by 10% instead.

■ 06429D

■ 06429D

FFFFFF

■ 002D82

■ 5871D4

■ 001969

■ 758BF1

■ 000050

■ 93A5FF

■ 000538

■ B0C0FF

■ 000222

■ CDD8FF

■ 000007

■ EBF8FF

■ 000000

■ 06429D

■ 06429D

■ 003E9D

■ 164B9D

■ 25559D

■ 355E9D

■ 45689D

■ 55719D

■ 647B9D

■ 74849D

■ 848E9D

■ 93979D

Harmonies

Analogous

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



0051A2



06429D



6E2881

Triad

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



06429D



822900



005937

Complementary

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



06429D



9D6106

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.



005601



06429D



644100

Square

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



06429D



93012B



3B4E00



005A66

Rectangle

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



06429D



870D66



3B4E00



005827

Sweetspot

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



06429D



91A8CC



069D61



425066



E6E6E6



666666

Same Dimension

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



06429D



0051CC



15069D



474A4F



00398F



00060F

Inverse Universe

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



9D0642



CC0051



8E9D06



4F474A



8F0039



0F0006

Previews

White Background



This preview shows how the Hex color 06429D looks on a white background.

Color Contrast Check

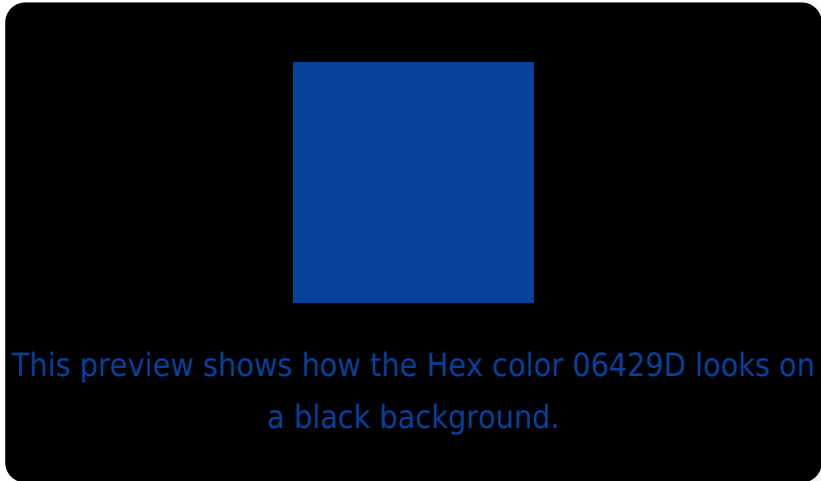
Large Text (above 18pt) WCAG AA ✓ Pass

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

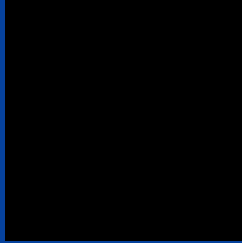
Any Text WCAG AA × Fail

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 06429D Background



This preview shows how black text looks on a background with the Hex color 06429D.



This preview shows how white text looks on a background with the Hex color 06429D.

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

06429D

Protanopia

004592

Deuteranopia

00497E

Trichromacy



Original Color
06429D

Protanomaly
024496

Deuteranomaly
024689

Tritanomaly
024B6F

Monochromacy



Original Color
06429D

Achromatopsia
3A3A3A

Achromatomaly
273D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 06429D 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 #06429D looks like.

```
.text, #text, p{  
    color:#06429D  
}
```

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 #06429D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06429D
}
```

Border

The CSS property to change the border of an element to Hex 06429D 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
#06429D }
```

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

```
.border{ border-color:#06429D }
```

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

Here you see how a box with a 4 pixel #06429D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06429D; -webkit-box-shadow:4px 4px  
4px 4px #06429D; box-shadow:4px 4px 4px  
4px #06429D }
```

Background

The CSS property to change the background color of an element to Hex 06429D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06429D }
```

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

```
.background{ background-color:#06429D }
```

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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