

# Converting Colors

Hex(426B9E)

Have a look what the booklet for  
Hex(426B9E) contains.

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# Color

Hex(426B9E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	426B9E
RGB	66, 107, 158
RGB Percent	26%, 42%, 62%
CMY	0.7412, 0.5804, 0.3804
CMYK	0.58, 0.32, 0.00, 0.38
HSL	213°, 41%, 44%
HSV	213°, 58%, 62%
XYZ	13.6760, 14.1423, 34.3567
YIQ	100.5550, -40.8070, 7.1690

# Conversions

## Conversions Part 2

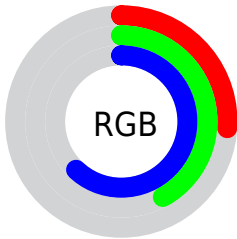
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 94, 158
Decimal	4352926
CIE <sub>Lab</sub>	44.44, 1.50, -31.96
CIE <sub>LCh</sub>	44, 31.994, 272.695
Yxy	14.1423, 0.2200, 0.2275
Android (android.graphics.Color)	4282543006 (0xFF426B9E)
YUV	100.5550, 28.3204, -30.3047
Hunter-Lab	37.6062, -0.8968, -27.8425

# Details

The Hex color **426B9E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E7542**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **799ED5**, and **003C6A** is the 20% darker color. If you saturate the color by 10%, you get **32629E**, and if you desaturate by 10%, it is **52749E**.

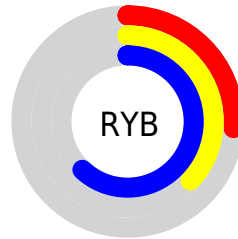
# Distribution



Red (26%)

Green (42%)

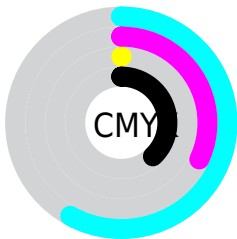
Blue (62%)



Red (26%)

Yellow (37%)

Blue (62%)

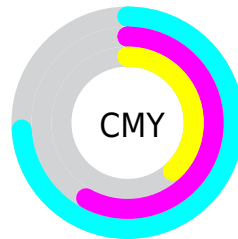


Cyan (58%)

Magenta (32%)

Yellow (0%)

Black (38%)



Cyan (74%)

Magenta (58%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 426B9E 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 426B9E by changing the saturation by 10% instead.



■ 426B9E

■ 426B9E

FFFFFF

■ 245384

■ 799ED5

■ 003C6A

■ 94B9F1

■ 002752

■ B0D5FF

■ 00123A

■ CDF1FF

■ 000224

■ EAFFFF

■ 00000C

■ 000000

■ 426B9E

■ 426B9E

■ 32629E

■ 52749E

■ 22599E

■ 627D9E

■ 13519E

■ 71859E

■ 03489E

■ 818E9E

■ 00469E

■ 91979E

■ A1A09E

■ B1A89E

■ C0B19E

■ D0BA9E

# Harmonies

## Analogous

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



007298



426B9E



6F6196

# Triad

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



426B9E



9A564E



3A7550

# Complementary

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



426B9E



9E7542

# 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.



5B703B



426B9E



8D5F3A

# Square

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



426B9E



9B5368



776833



00776B

# Rectangle

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



426B9E



845B8A



776833



467448



# Sweetspot

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



426B9E



ABBBCF



429E75



545D69



E8E8E8



696969



# Same Dimension

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



426B9E



3E7ECF



47429E



474B4F



00408F



00070F



# Inverse Universe

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



9E426B



CF3E7E



999E42



4F474B



8F0040

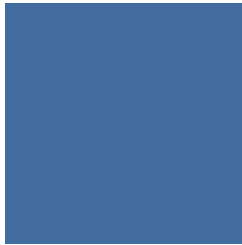


0F0007



# Previews

## White Background



This preview shows how the Hex color 426B9E looks on a white background.

## Color Contrast Check

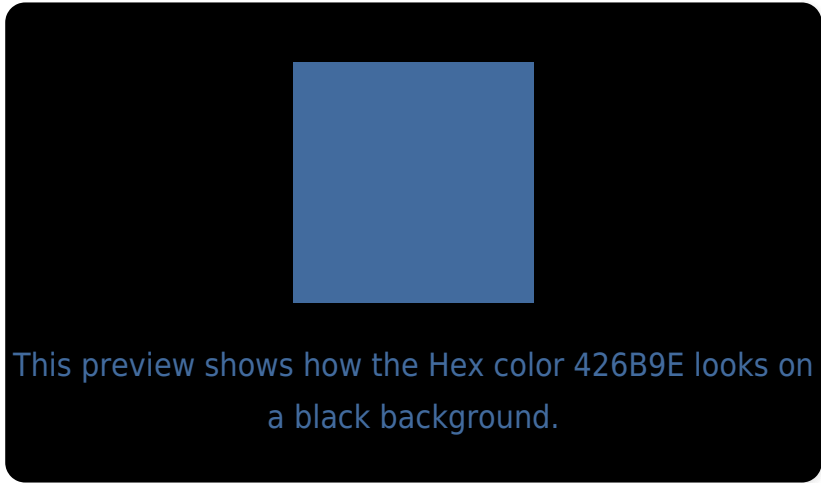
Large Text (above 18pt) WCAG AA ✓ Pass

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 426B9E Background



This preview shows how black text looks on a background with the Hex color 426B9E.



This preview shows how white text looks on a background with the Hex color 426B9E.

# 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**  
426B9E

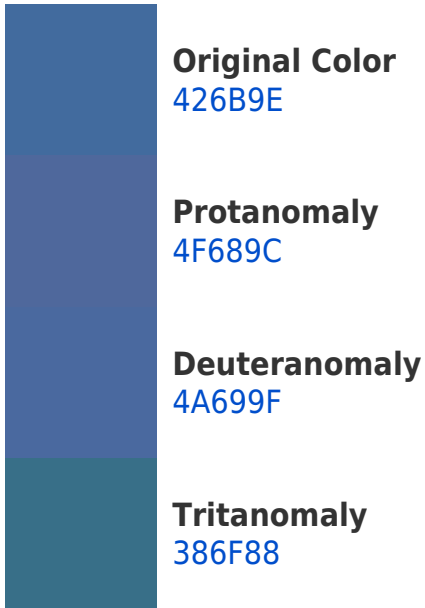
**Protanopia**  
57679B

**Deuteranopia**  
4F689F

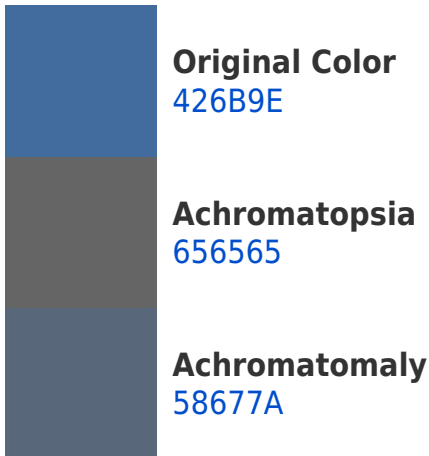


**Tritanopia**  
33727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 426B9E 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 #426B9E looks like.

```
.text, #text, p{  
    color:#426B9E  
}
```

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 #426B9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426B9E
}
```

## Border

The CSS property to change the border of an element to Hex 426B9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

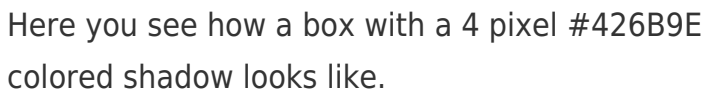
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#426B9E }
```

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

```
.border{ border-color:#426B9E }
```

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



Here you see how a box with a 4 pixel #426B9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426B9E; -webkit-box-shadow:4px 4px  
4px 4px #426B9E; box-shadow:4px 4px 4px  
4px #426B9E }
```

# Background

The CSS property to change the background color of an element to Hex 426B9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426B9E }
```

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

```
.background{ background-color:#426B9E }
```

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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