

# Converting Colors

Hex(426C8A)

Have a look what the booklet for  
Hex(426C8A) contains.

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# Color

**Hex(426C8A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	426C8A
RGB	66, 108, 138
RGB Percent	26%, 42%, 54%
CMY	0.7412, 0.5765, 0.4588
CMYK	0.52, 0.22, 0.00, 0.46
HSL	205°, 35%, 40%
HSV	205°, 52%, 54%
XYZ	12.1968, 13.7184, 26.0498
YIQ	98.8620, -34.6620, 0.4260

# Conversions

## Conversions Part 2

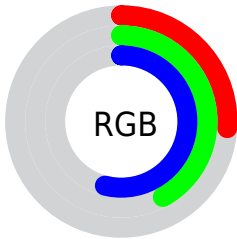
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 93, 138
Decimal	4353162
CIE Lab	43.83, -5.68, -21.01
CIE LCh	44, 21.763, 254.883
Yxy	13.7184, 0.2347, 0.2640
Android (android.graphics.Color)	4282543242 (0xFF426C8A)
YUV	98.8620, 19.2950, -28.8200
Hunter-Lab	37.0383, -6.0367, -15.7731

# Details

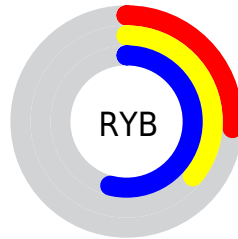
The Hex color **426C8A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A6042**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **779FC0**, and **053D58** is the 20% darker color. If you saturate the color by 10%, you get **34668A**, and if you desaturate by 10%, it is **50728A**.

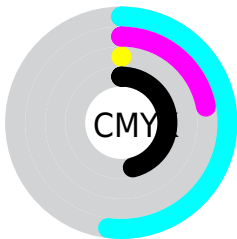
# Distribution



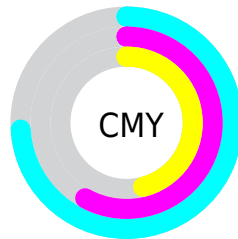
- Red (26%)
- Green (42%)
- Blue (54%)



- Red (26%)
- Yellow (36%)
- Blue (54%)



- Cyan (52%)
- Magenta (22%)
- Yellow (0%)
- Black (46%)



- Cyan (74%)
- Magenta (58%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 426C8A 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 426C8A by changing the saturation by 10% instead.





426C8A



426C8A

FFFFFF



275470



779FC0



053D58



91BADB



002740



ADD6F8



00132A



C9F2FF



000115



E6FFFF



000000



426C8A



426C8A



34668A



50728A



26618A



5E788A

■ 195B8A

■ 6B7D8A

■ 0B558A

■ 79838A

■ 00518A

■ 87898A

■ 958E8A

■ A3948A

■ B09A8A

■ BEA08A

# Harmonies

## Analogous

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



2E7080



426C8A



5D668A

# Triad

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



426C8A



8C5A5F



576E4D

# Complementary

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



426C8A



8A6042

# 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.



6B6944



426C8A



885E4F

# Square

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



426C8A



855B71



7C6345



42715E

# Rectangle

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



426C8A



6E6285



7C6345



5E6D4A



# Sweetspot

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



426C8A



96A7B3



428A60



485259



D9D9D9



595959



# Same Dimension

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



426C8A



4284B3



42488A



3E4245



004D85



000305



# Inverse Universe

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



8A426C



B34284



8A8442



453E42



85004D



050003



# Previews

## White Background



This preview shows how the Hex color 426C8A looks on a white background.

## Color Contrast Check

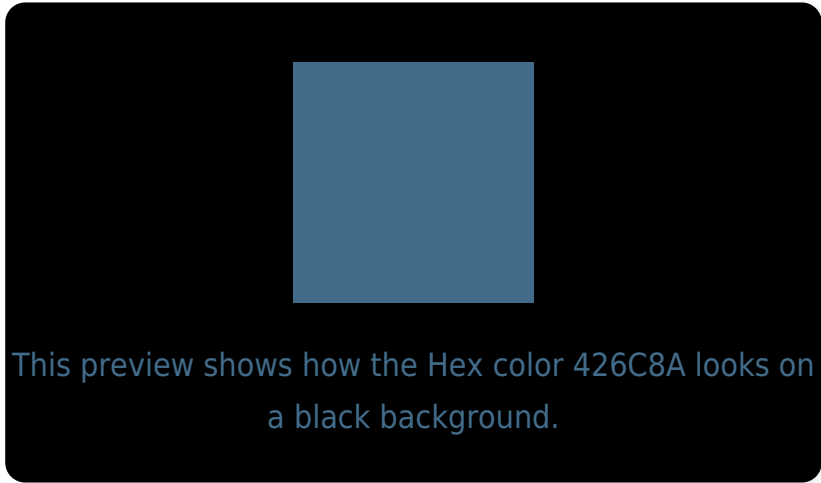
Large Text (above 18pt) WCAG AA ✓ Pass

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

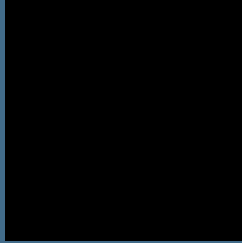
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

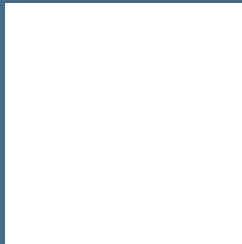
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 426C8A Background



This preview shows how black text looks on a background with the Hex color 426C8A.




This preview shows how white text looks on a background with the Hex color 426C8A.

# 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**  
3C6F78

# Trichromacy



**Original Color**  
426C8A

**Protanomaly**  
546887

**Deuteranomaly**  
53688B

**Tritanomaly**  
3E6E7F

# Monochromacy



**Original Color**  
426C8A

**Achromatopsia**  
636363

**Achromatomaly**  
576671

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 426C8A 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 #426C8A looks like.

```
.text, #text, p{  
    color:#426C8A  
}
```

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 #426C8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #426C8A
}
```

## Border

The CSS property to change the border of an element to Hex 426C8A 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
#426C8A }
```

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

```
.border{ border-color:#426C8A }
```

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

Here you see how a box with a 4 pixel #426C8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #426C8A; -webkit-box-shadow:4px 4px  
4px 4px #426C8A; box-shadow:4px 4px 4px  
4px #426C8A }
```

# Background

The CSS property to change the background color of an element to Hex 426C8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#426C8A }
```

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

```
.background{ background-color:#426C8A }
```

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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