

# Converting Colors

Hex(426EBC)

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

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# Color

Hex(426EBC)

# Conversions

## Conversions Part 1

Format	Color
Hex	426EBC
RGB	66, 110, 188
RGB Percent	26%, 43%, 74%
CMY	0.7412, 0.5686, 0.2627
CMYK	0.65, 0.41, 0.00, 0.26
HSL	218°, 48%, 50%
HSV	218°, 65%, 74%
XYZ	16.8998, 15.9410, 49.7631
YIQ	105.7360, -51.2620, 14.9300

# Conversions

## Conversions Part 2

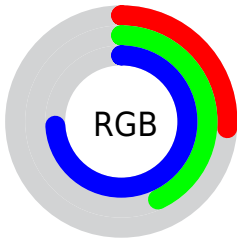
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 98, 188
Decimal	4353724
CIE <sub>Lab</sub>	46.90, 10.05, -45.61
CIE <sub>LCh</sub>	47, 46.707, 282.427
Yxy	15.9410, 0.2046, 0.1930
Android (android.graphics.Color)	4282543804 (0xFF426EBC)
YUV	105.7360, 40.5562, -34.8485
Hunter-Lab	39.9261, 5.6842, -45.9496

# Details

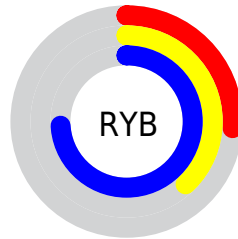
The Hex color **426EBC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BC9042**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7DA1F5**, and **003F86** is the 20% darker color. If you saturate the color by 10%, you get **2F62BC**, and if you desaturate by 10%, it is **557ABC**.

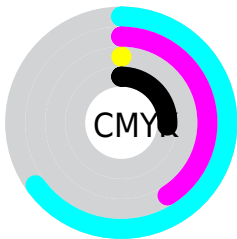
# Distribution



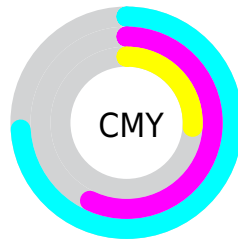
- Red (26%)
- Green (43%)
- Blue (74%)



- Red (26%)
- Yellow (38%)
- Blue (74%)



- Cyan (65%)
- Magenta (41%)
- Yellow (0%)
- Black (26%)



- Cyan (74%)
- Magenta (57%)
- Yellow (26%)

# Brightness & Saturation Gradients

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



■ 426EBC

■ 426EBC

FFFFFF

■ 1E56A1

■ 7DA1F5

■ 003F86

■ 9ABCFF

■ 002A6C

■ B7D8FF

■ 001754

■ D4F4FF

■ 00063C

■ F2FFFF

■ 000225

■ 00010E

■ 000000

■ 426EBC

■ 426EBC

■ 2F62BC

■ 557ABC

■ 1C56BC

■ 6886BC

■ 0A4ABC

■ 7A92BC

■ 0044BC

■ 8D9EBC

■ A0AABC

■ B3B6BC

■ C6C2BC

■ D8CEBC

■ EBDABC

# Harmonies

## Analogous

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



007ABA



426EBC



865EA9

# Triad

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



426EBC



AF553C



008156

# Complementary

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



426EBC



BC9042

# 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.



497C32



426EBC



976521

# Square

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



426EBC



B74B60



75721B



00827F

# Rectangle

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



426EBC



A15394



75721B



187F49



# Sweetspot

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



426EBC



C6D7F5



42BC8F



5E687A



FAFAFA



7A7A7A



# Same Dimension

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



426EBC



367BF5



5242BC



55585E



00399E



000B1F



# Inverse Universe

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



BC426E



F5367B



ACBC42



5E5558



9E0039

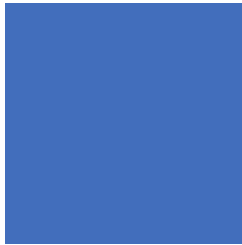


1F000B



# Previews

## White Background



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

## Color Contrast Check

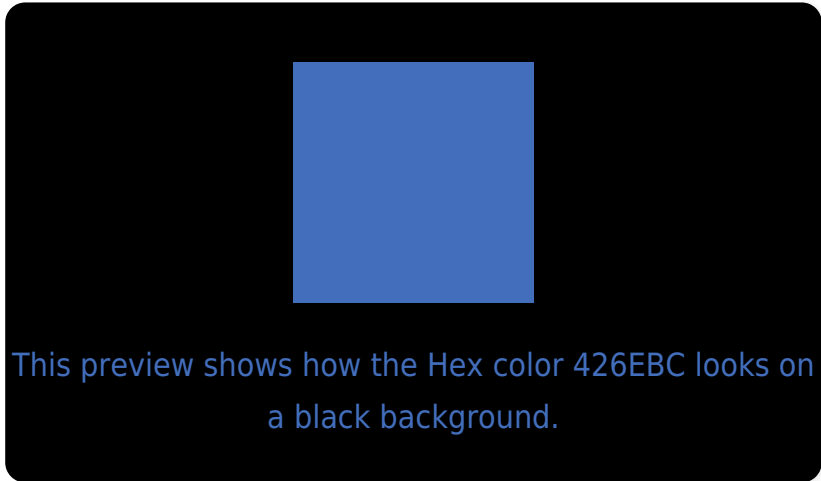
Large Text (above 18pt) WCAG AA ✓ Pass

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

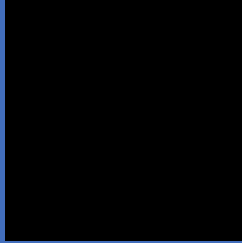
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 426EBC Background



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



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

# 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](#).

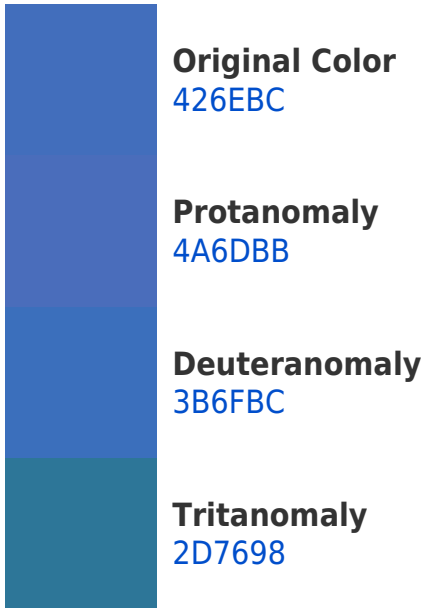
## Dichromacy





**Tritanopia**  
217A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #426EBC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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