

# Converting Colors

Hex(408AEC)

Have a look what the booklet for  
Hex(408AEC) contains.

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# Color

Hex(408AEC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	408AEC
RGB	64, 138, 236
RGB Percent	25%, 54%, 93%
CMY	0.7490, 0.4588, 0.0745
CMYK	0.73, 0.42, 0.00, 0.07
HSL	214°, 82%, 59%
HSV	214°, 73%, 93%
XYZ	26.3432, 25.3231, 82.8563
YIQ	127.0460, -75.5620, 14.7900

# Conversions

## Conversions Part 2

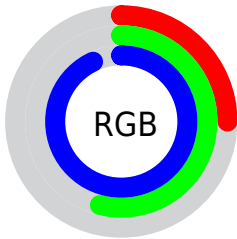
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	64, 116, 236
Decimal	4229868
CIE Lab	57.39, 9.67, -56.06
CIE LCh	57, 56.888, 279.782
Yxy	25.3231, 0.1958, 0.1882
Android (android.graphics.Color)	4282419948 (0xFF408AEC)
YUV	127.0460, 53.7143, -55.2913
Hunter-Lab	50.3220, 5.3796, -62.3968

# Details

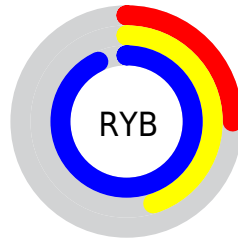
The Hex color **408AEC** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **ECA240**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **84BFFF**, and **0059B3** is the 20% darker color. If you saturate the color by 10%, you get **287DEC**, and if you desaturate by 10%, it is **5897EC**.

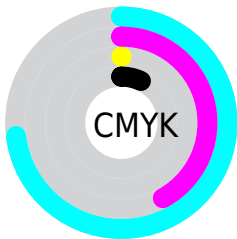
# Distribution



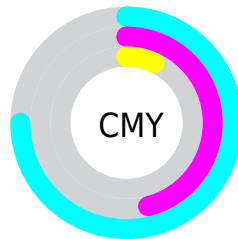
- Red (25%)
- Green (54%)
- Blue (93%)



- Red (25%)
- Yellow (45%)
- Blue (93%)



- Cyan (73%)
- Magenta (42%)
- Yellow (0%)
- Black (7%)



- Cyan (75%)
- Magenta (46%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 408AEC 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 408AEC by changing the saturation by 10% instead.



 408AEC

 408AEC


FFFFFF

 0171CF

 84BFFF

 0059B3

 A3DBFF

 004298

 C1F7FF

 002D7E

 E0FFFF

 001A64

 00094C

 000434

 00021E

 000000

■ 408AEC

■ 408AEC

■ 287DEC

■ 5897EC

■ 116FEC

■ 6FA5EC

■ 0066EC

■ 87B2EC

■ 9EC0EC

■ B6CDEC

■ CEDBEC

■ E5E8EC

■ FDF6EC

■ FFFFEC

# Harmonies

## Analogous

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



0098E7



408AEC



A176D7

# Triad

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



408AEC



DB674D



009F66

# Complementary

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



408AEC



ECA240

# 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.



5E9938



408AEC



BF7B27

# Square

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



408AEC



E45B7C



948D1B



00A299

# Rectangle

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



408AEC



C567BD



948D1B



239E55



# Sweetspot

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



408AEC



C7DFFF



40ECA1



5E6D80



000000



808080



# Same Dimension

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



408AEC



2181FF



4B40EC



6A6F75



004EB5



001736



# Inverse Universe

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



EC408A



FF2181



E1EC40



756A6F



B5004E

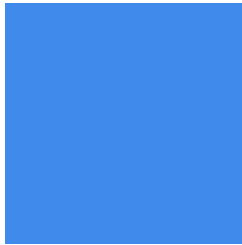


360017



# Previews

## White Background



This preview shows how the Hex color 408AEC looks on a white background.

## Color Contrast Check

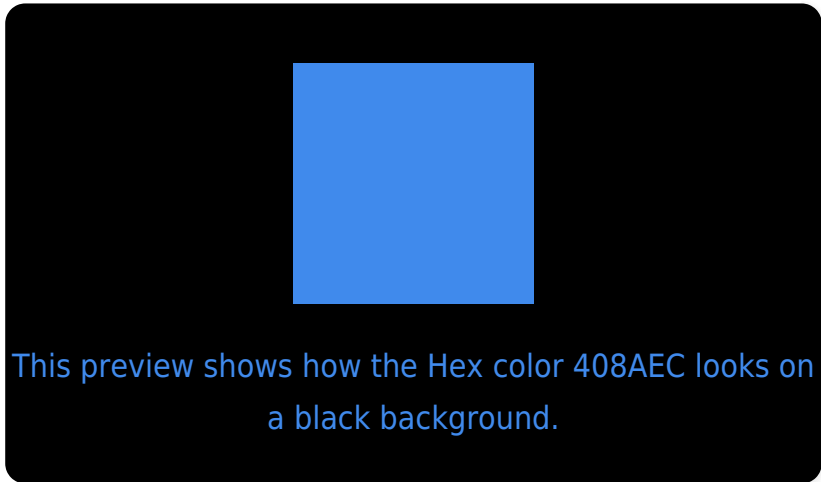
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

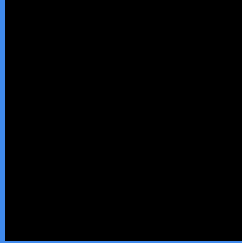
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

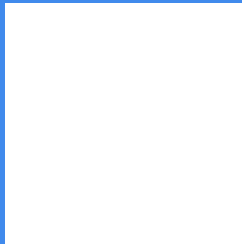
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 408AEC Background



This preview shows how black text looks on a background with the Hex color 408AEC.

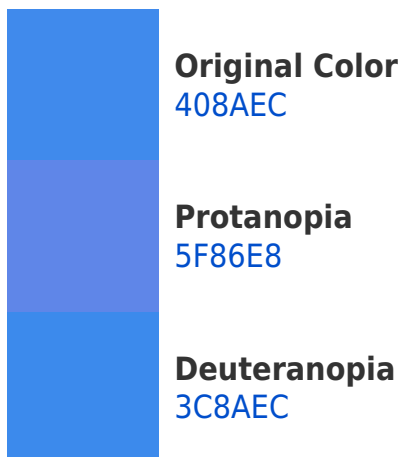


This preview shows how white text looks on a background with the Hex color 408AEC.

# 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](#).

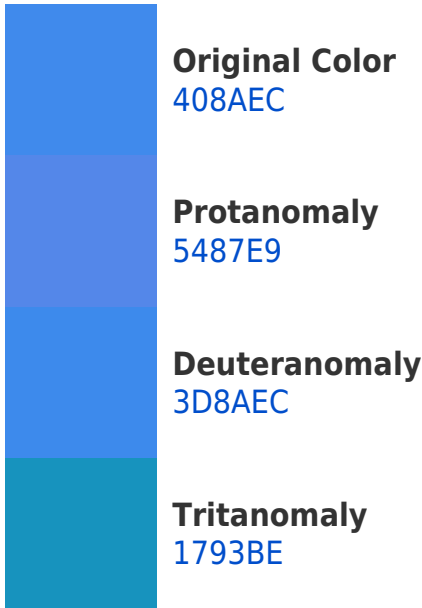
## Dichromacy



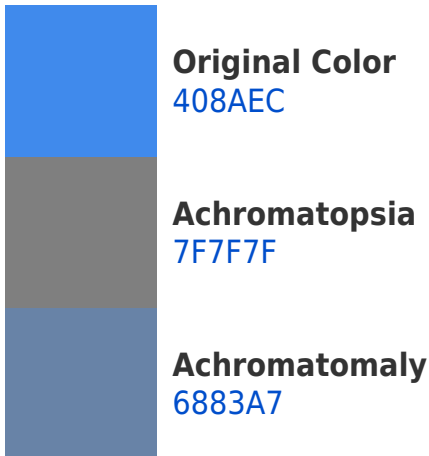


**Tritanopia**  
0098A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 408AEC 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 #408AEC looks like.

```
.text, #text, p{  
    color:#408AEC  
}
```

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 #408AEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #408AEC
}
```

## Border

The CSS property to change the border of an element to Hex 408AEC is called "border". The border property can be set on classes, ids or directly on the HTML element.

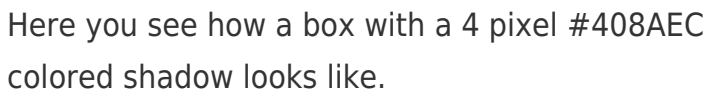
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#408AEC }
```

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

```
.border{ border-color:#408AEC }
```

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



Here you see how a box with a 4 pixel #408AEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #408AEC; -webkit-box-shadow:4px 4px  
4px 4px #408AEC; box-shadow:4px 4px 4px  
4px #408AEC }
```

# Background

The CSS property to change the background color of an element to Hex 408AEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#408AEC }
```

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

```
.background{ background-color:#408AEC }
```

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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