

# Converting Colors

Hex(418CC8)

Have a look what the booklet for  
Hex(418CC8) contains.

<b>Hex(418CC8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(418CC8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	418CC8
RGB	65, 140, 200
RGB Percent	25%, 55%, 78%
CMY	0.7451, 0.4510, 0.2157
CMYK	0.68, 0.30, 0.00, 0.22
HSL	207°, 55%, 52%
HSV	207°, 68%, 78%
XYZ	21.9834, 24.0501, 58.1271
YIQ	124.4150, -63.9600, 2.7600

# Conversions

## Conversions Part 2

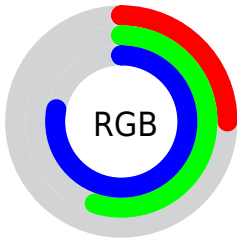
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	65, 113, 200
Decimal	4295880
CIE Lab	56.14, -4.02, -37.87
CIE LCh	56, 38.081, 263.938
Yxy	24.0501, 0.2111, 0.2309
Android (android.graphics.Color)	4282485960 (0xFF418CC8)
YUV	124.4150, 37.2634, -52.1070
Hunter-Lab	49.0409, -5.8061, -35.9464

# Details

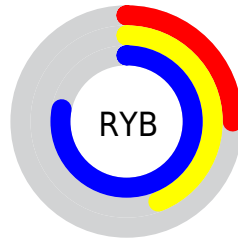
The Hex color **418CC8** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C87D41**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7EC1FF**, and **005A92** is the 20% darker color. If you saturate the color by 10%, you get **2D83C8**, and if you desaturate by 10%, it is **5595C8**.

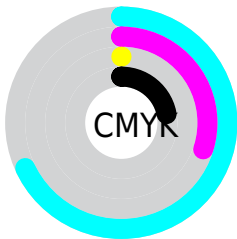
# Distribution



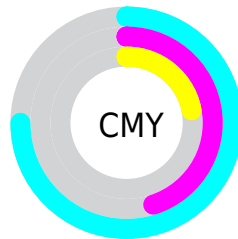
- Red (25%)
- Green (55%)
- Blue (78%)



- Red (25%)
- Yellow (44%)
- Blue (78%)



- Cyan (68%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)



- Cyan (75%)
- Magenta (45%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 418CC8 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 418CC8 by changing the saturation by 10% instead.



■ 418CC8

■ 418CC8

FFFFFF

■ 1873AC

■ 7EC1FF

■ 005A92

■ 9CDDFF

■ 004378

■ B9FAFF

■ 002D5F

■ D7FFFF

■ 001947

■ F5FFFF

■ 000430

■ 00011A

■ 000000

■ 418CC8

■ 418CC8

■ 2D83C8

■ 5595C8

■ 197AC8

■ 699EC8

■ 0571C8

■ 7DA7C8

■ 006FC8

■ 91B0C8

■ A5B8C8

■ B9C1C8

■ CDCAC8

■ E1D3C8

■ F5DCC8

# Harmonies

## Analogous

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



0094BB



418CC8



7F81C3

# Triad

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



418CC8



C56D6D



59945E

# Complementary

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



418CC8



C87D41

# 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.



808D48



418CC8



B97752

# Square

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



418CC8



C16C8F



A18244



1F977E

# Rectangle

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



418CC8



9D78B6



A18244



679255

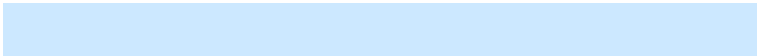


# Sweetspot

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



418CC8



CCE8FF



41C87C



617280



000000



808080



# Same Dimension

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



418CC8



30A3FF



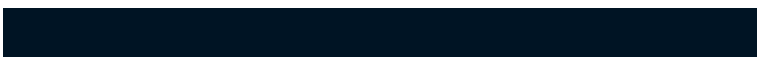
414AC8



5A5F63



005BA3



001424



# Inverse Universe

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



C8418C



FF30A3



C8BF41



635A5F



A3005B



240014



# Previews

## White Background



This preview shows how the Hex color 418CC8 looks on a white background.

## Color Contrast Check

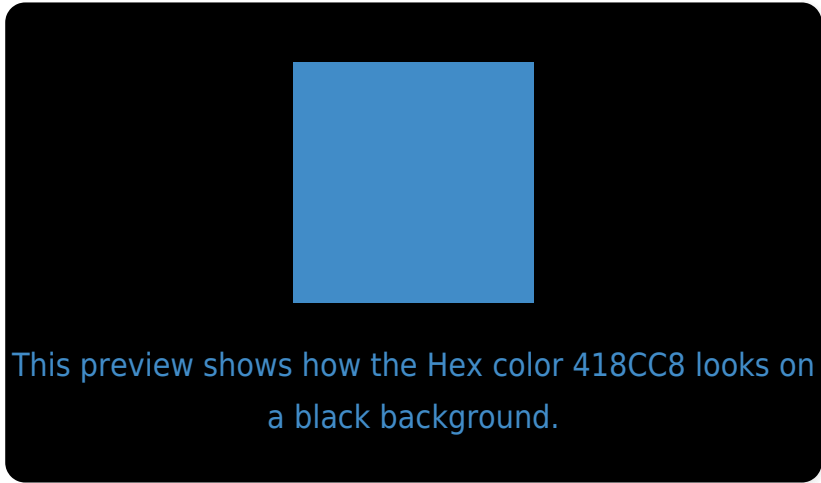
Large Text (above 18pt) WCAG AA ✓ Pass

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 418CC8 Background



This preview shows how black text looks on a background with the Hex color 418CC8.

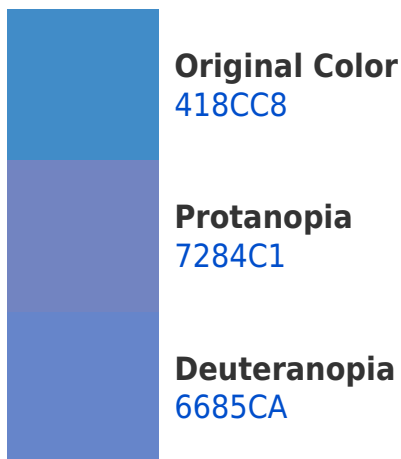


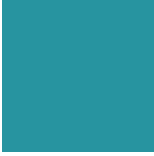
This preview shows how white text looks on a background with the Hex color 418CC8.

# 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](#).

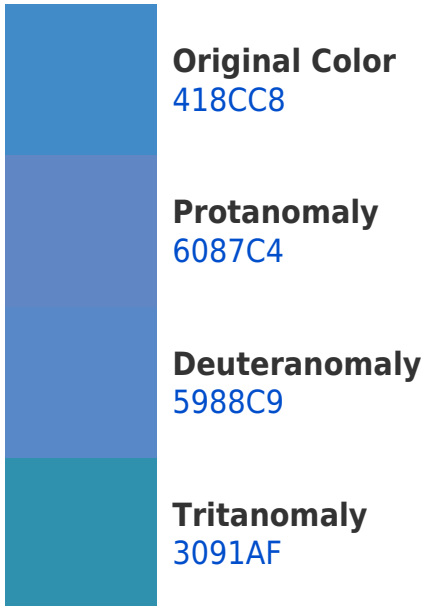
## Dichromacy



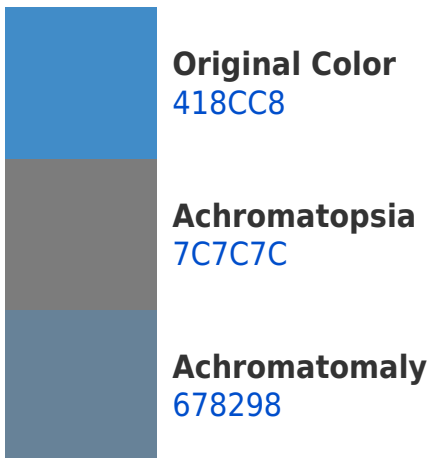


**Tritanopia**  
2794A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 418CC8 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 #418CC8 looks like.

```
.text, #text, p{  
    color:#418CC8  
}
```

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 #418CC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418CC8  
}
```

## Border

The CSS property to change the border of an element to Hex 418CC8 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  
#418CC8 }
```

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

```
.border{ border-color:#418CC8 }
```

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

Here you see how a box with a 4 pixel #418CC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418CC8; -webkit-box-shadow:4px 4px  
4px 4px #418CC8; box-shadow:4px 4px 4px  
4px #418CC8 }
```

# Background

The CSS property to change the background color of an element to Hex 418CC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418CC8 }
```

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

```
.background{ background-color:#418CC8 }
```

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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