

# Converting Colors

Hex(4482CC)

Have a look what the booklet for  
Hex(4482CC) contains.

<b>Hex(4482CC)</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(4482CC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4482CC
RGB	68, 130, 204
RGB Percent	27%, 51%, 80%
CMY	0.7333, 0.4902, 0.2000
CMYK	0.67, 0.36, 0.00, 0.20
HSL	213°, 57%, 53%
HSV	213°, 67%, 80%
XYZ	21.2656, 21.5538, 60.1662
YIQ	119.8980, -60.7060, 9.8700

# Conversions

## Conversions Part 2

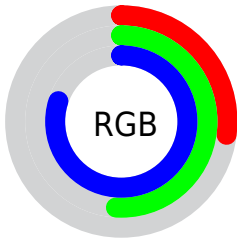
Format	Color
R <sub>Y</sub> B	68, 111, 204
Decimal	4489932
CIE Lab	53.55, 3.75, -44.21
CIE LCh	54, 44.364, 274.854
Yxy	21.5538, 0.2065, 0.2093
Android (android.graphics.Color)	4282680012 (0xFF4482CC)
YUV	119.8980, 41.4623, -45.5145
Hunter-Lab	46.4261, 0.5167, -44.3390

# Details

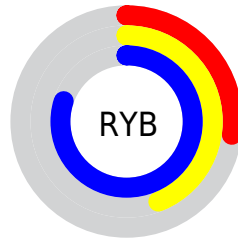
The Hex color **4482CC** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CC8E44**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **81B7FF**, and **005195** is the 20% darker color. If you saturate the color by 10%, you get **3077CC**, and if you desaturate by 10%, it is **588DCC**.

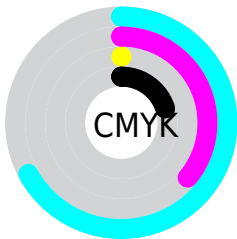
# Distribution



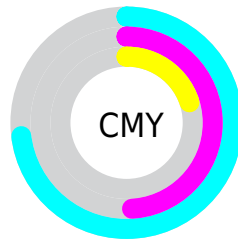
- Red (27%)
- Green (51%)
- Blue (80%)



- Red (27%)
- Yellow (44%)
- Blue (80%)



- Cyan (67%)
- Magenta (36%)
- Yellow (0%)
- Black (20%)



- Cyan (73%)
- Magenta (49%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4482CC 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 4482CC by changing the saturation by 10% instead.



■ 4482CC

■ 4482CC

FFFFFF

■ 1D69B0

■ 81B7FF

■ 005195

■ 9FD2FF

■ 003B7B

■ BCEEFF

■ 002662

■ DAFFFF

■ 001149

■ F8FFFF

■ 000432

■ 00021C

■ 000000

■ 4482CC

■ 4482CC

■ 3077CC

■ 588DCC

■ 1B6CCC

■ 6D98CC

■ 0761CC

■ 81A3CC

■ 005DCC

■ 96AECC

■ AABACC

■ BEC5CC

■ D3D0CC

■ E7DBCC

■ FCE6CC

# Harmonies

## Analogous

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



008CC5



4482CC



8B73BF

# Triad

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



4482CC



C36556



30915E

# Complementary

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



4482CC



CC8E44

# 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.



688A3E



4482CC



AF723A

# Square

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



4482CC



C65F7B



908030



009385

# Rectangle

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



4482CC



A969AC



908030



478F52

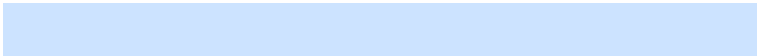


# Sweetspot

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



4482CC



CCE3FF



44CC8D



616F80



000000



808080



# Same Dimension

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



4482CC



3390FF



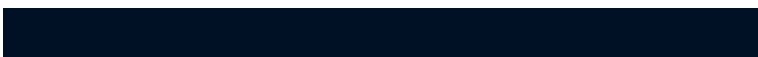
4944CC



5C6066



004CA6



001126



# Inverse Universe

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



CC4482



FF3390



C7CC44



665C60



A6004C



260011



# Previews

## White Background



This preview shows how the Hex color 4482CC looks on a white background.

## Color Contrast Check

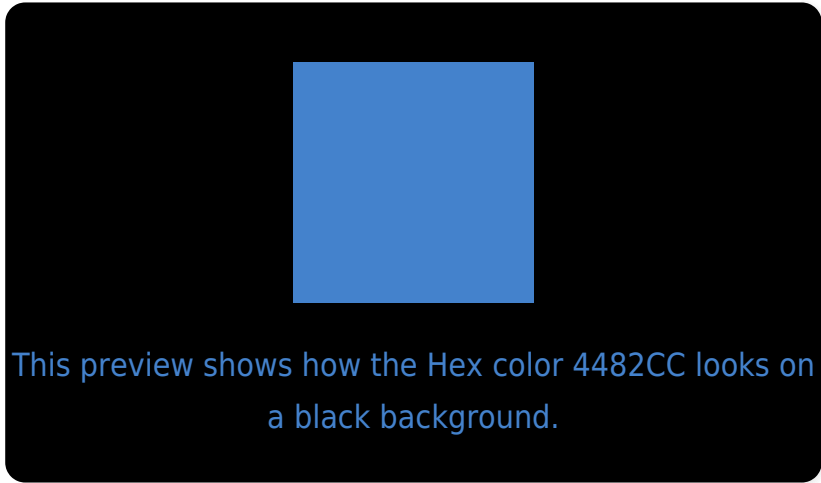
Large Text (above 18pt) WCAG AA ✓ Pass

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

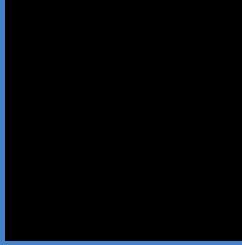
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

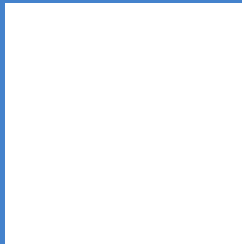
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4482CC Background



This preview shows how black text looks on a background with the Hex color 4482CC.

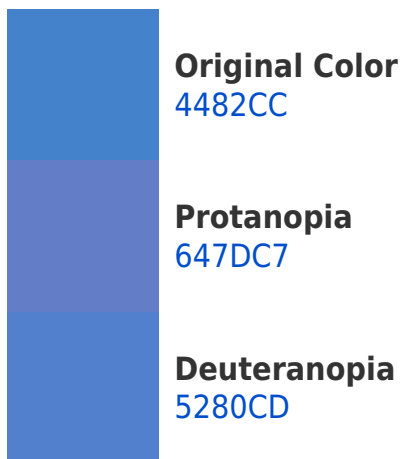


This preview shows how white text looks on a background with the Hex color 4482CC.

# 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](#).

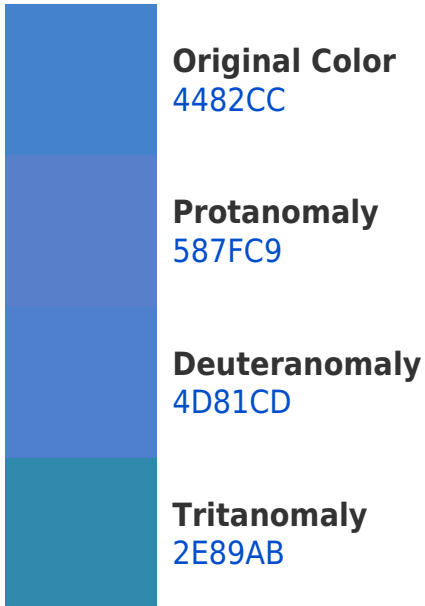
## Dichromacy



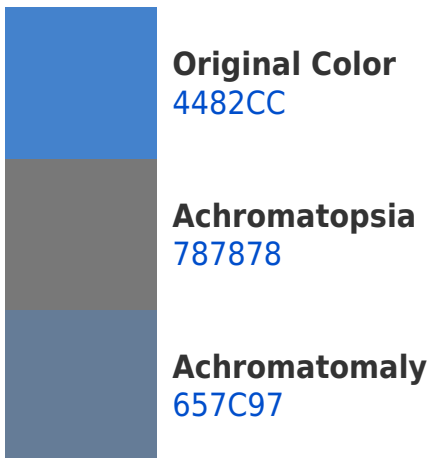


**Tritanopia**  
228D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4482CC 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 #4482CC looks like.

```
.text, #text, p{  
    color:#4482CC  
}
```

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 #4482CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4482CC
}
```

## Border

The CSS property to change the border of an element to Hex 4482CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

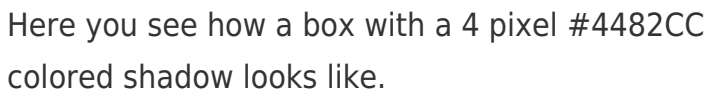
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4482CC }
```

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

```
.border{ border-color:#4482CC }
```

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



Here you see how a box with a 4 pixel #4482CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4482CC; -webkit-box-shadow:4px 4px  
4px 4px #4482CC; box-shadow:4px 4px 4px  
4px #4482CC }
```

# Background

The CSS property to change the background color of an element to Hex 4482CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4482CC }
```

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

```
.background{ background-color:#4482CC }
```

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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