

# Converting Colors

Hex(4448D6)

Have a look what the booklet for  
Hex(4448D6) contains.

<b>Hex(4448D6)</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(4448D6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4448D6
RGB	68, 72, 214
RGB Percent	27%, 28%, 84%
CMY	0.7333, 0.7176, 0.1608
CMYK	0.68, 0.66, 0.00, 0.16
HSL	238°, 64%, 55%
HSV	238°, 68%, 84%
XYZ	16.8389, 10.7187, 64.7997
YIQ	86.9920, -47.9660, 43.3140

# Conversions

## Conversions Part 2

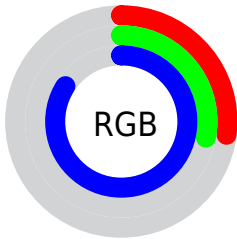
Format	Color
R <sub>YB</sub>	68, 72, 214
Decimal	4475094
CIE Lab	39.10, 43.31, -73.22
CIE LCh	39, 85.073, 300.602
Yxy	10.7187, 0.1823, 0.1161
Android (android.graphics.Color)	4282665174 (0xFF4448D6)
YUV	86.9920, 62.6149, -16.6560
Hunter-Lab	32.7394, 34.5138, -94.4325

# Details

The Hex color **4448D6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **D6D244**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8579FF**, and **001B9E** is the 20% darker color. If you saturate the color by 10%, you get **2F33D6**, and if you desaturate by 10%, it is **595DD6**.

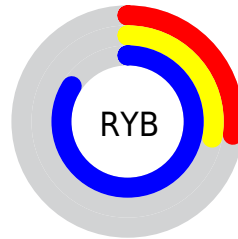
# Distribution



Red (27%)

Green (28%)

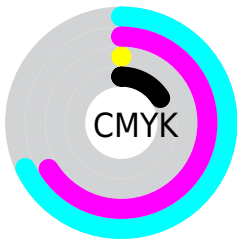
Blue (84%)



Red (27%)

Yellow (28%)

Blue (84%)

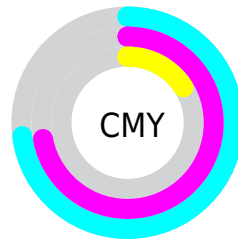


Cyan (68%)

Magenta (66%)

Yellow (0%)

Black (16%)



Cyan (73%)

Magenta (72%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4448D6 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 4448D6 by changing the saturation by 10% instead.



 4448D6

 4448D6

FFFFFF

 1431BA

 8579FF

 001B9E

 A493FF

 000883

 C2AEFF

 000069

 E1CAFF

 000A50

 FFE6FF

 000538

 000221

 000007

 000000

■ 4448D6

■ 4448D6

■ 2F33D6

■ 595DD6

■ 191ED6

■ 6F72D6

■ 040AD6

■ 8486D6

■ 0006D6

■ 9A9BD6

■ AFB0D6

■ C4C5D6

■ DADAD6

■ EFEFD6

■ FFFFD6

# Harmonies

## Analogous

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



0066EA



4448D6



AB00A2

# Triad

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



4448D6



A43900



00765C

# Complementary

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



4448D6



D6D244

# 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.



007206



4448D6



705B00

# Square

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



4448D6



C6001B



226B00



0077A2

# Rectangle

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



4448D6



C60075



226B00



007543



# Sweetspot

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



4448D6



CCCDFF



44D6D1



616280



000000



808080



# Same Dimension

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



4448D6



2E34FF



8844D6



60616B



0005AB



00012B



# Inverse Universe

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



D64448



FF2E34



92D644



6B6061



AB0005

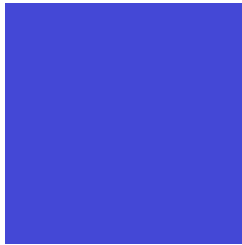


2B0001



# Previews

## White Background



This preview shows how the Hex color 4448D6 looks on a white background.

## Color Contrast Check

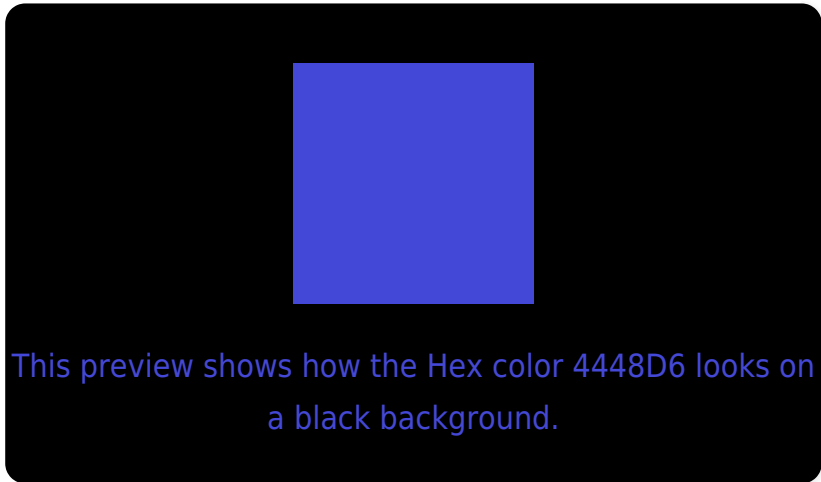
Large Text (above 18pt) WCAG AA ✓ Pass

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

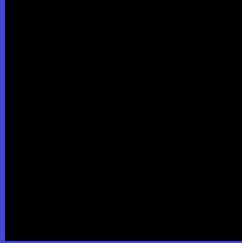
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4448D6 Background



This preview shows how black text looks on a background with the Hex color 4448D6.

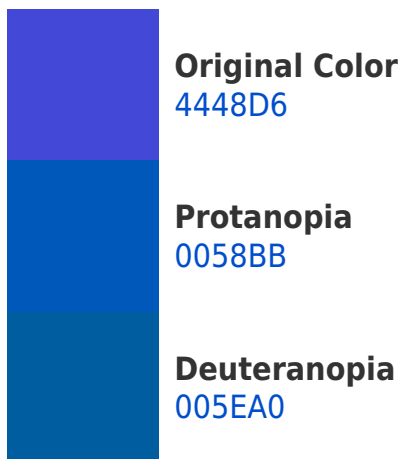


This preview shows how white text looks on a background with the Hex color 4448D6.

# 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](#).

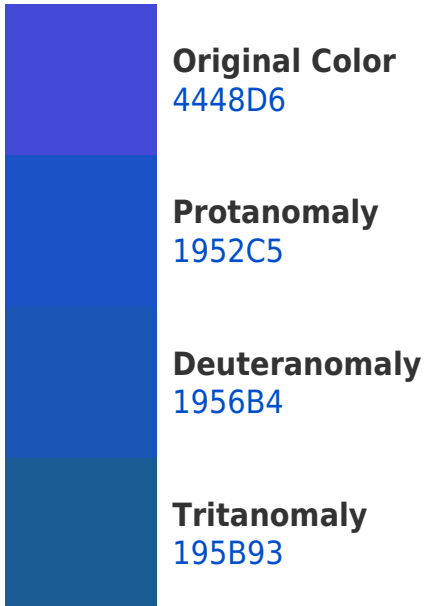
## Dichromacy





**Tritanopia**  
00666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4448D6 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 #4448D6 looks like.

```
.text, #text, p{  
    color:#4448D6  
}
```

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 #4448D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4448D6
}
```

## Border

The CSS property to change the border of an element to Hex 4448D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

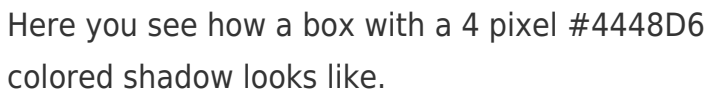
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4448D6 }
```

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

```
.border{ border-color:#4448D6 }
```

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



Here you see how a box with a 4 pixel #4448D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4448D6; -webkit-box-shadow:4px 4px  
4px 4px #4448D6; box-shadow:4px 4px 4px  
4px #4448D6 }
```

# Background

The CSS property to change the background color of an element to Hex 4448D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4448D6 }
```

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

```
.background{ background-color:#4448D6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor