

# Converting Colors

Hex(450CCB)

Have a look what the booklet for  
Hex(450CCB) contains.

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**Color**

**Hex(450CCB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	450CCB
RGB	69, 12, 203
RGB Percent	27%, 5%, 80%
CMY	0.7294, 0.9529, 0.2039
CMYK	0.66, 0.94, 0.00, 0.20
HSL	258°, 89%, 42%
HSV	258°, 94%, 80%
XYZ	13.3652, 5.8399, 56.9227
YIQ	50.8170, -27.3390, 71.4850

# Conversions

## Conversions Part 2

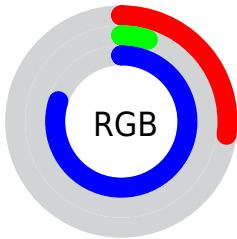
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 12, 203
Decimal	4525259
CIELab	29.01, 66.02, -83.52
CIELCh	29, 106.462, 308.324
Yxy	5.8399, 0.1756, 0.0767
Android (android.graphics.Color)	4282715339 (0xFF450CCB)
YUV	50.8170, 75.0262, 15.9465
Hunter-Lab	24.1660, 56.4305, -122.7407

# Details

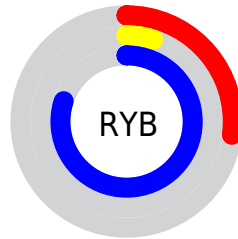
The Hex color **450CCB** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **92CB0C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8749FF**, and **000093** is the 20% darker color. If you saturate the color by 10%, you get **3D00CB**, and if you desaturate by 10%, it is **5320CB**.

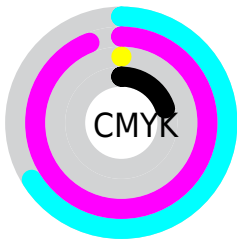
# Distribution



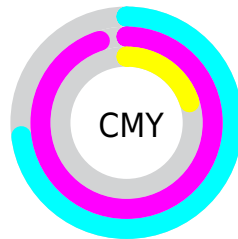
- Red (27%)
- Green (5%)
- Blue (80%)



- Red (27%)
- Yellow (5%)
- Blue (80%)



- Cyan (66%)
- Magenta (94%)
- Yellow (0%)
- Black (20%)



- Cyan (73%)
- Magenta (95%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 450CCB 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 450CCB by changing the saturation by 10% instead.



 450CCB

 450CCB

FFFFFF

 1400AF

 8749FF

 000093

 A764FF

 000078

 C57FFF

 00005E

 E49AFF

 000846

 FFB6FF

 00042E

 FFD3FF

 000119

 FFF0FF

 000000

 450CCB

 450CCB

 3D00CB

 5320CB

 6135CB

 7049CB

 7E5DCB

 8C72CB

 9A86CB

 A99ACB

 B7AECB

 C5C3CB

# Harmonies

## Analogous

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



004EF0



450CCB



AE0083

# Triad

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



450CCB



822200



005D5B

# Complementary

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



450CCB



92CB0C

# 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.



005B00



450CCB



404A00

# Square

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



450CCB



B00000



005600



0060AC

# Rectangle

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



450CCB



C2004E



005600



005C3E



# Sweetspot

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



450CCB



CDB8FF



0C95CB



615480



000000



808080



# Same Dimension

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



450CCB



4C00FF



A20CCB



5F5C66



3100A6



0B0026



# Inverse Universe

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



CB0C92



FF00B3



35CB0C



665C63



A60074

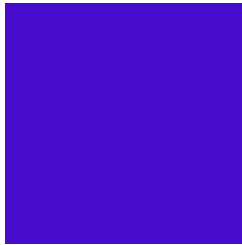


26001B



# Previews

## White Background



This preview shows how the Hex color 450CCB looks on a white background.

## Color Contrast Check

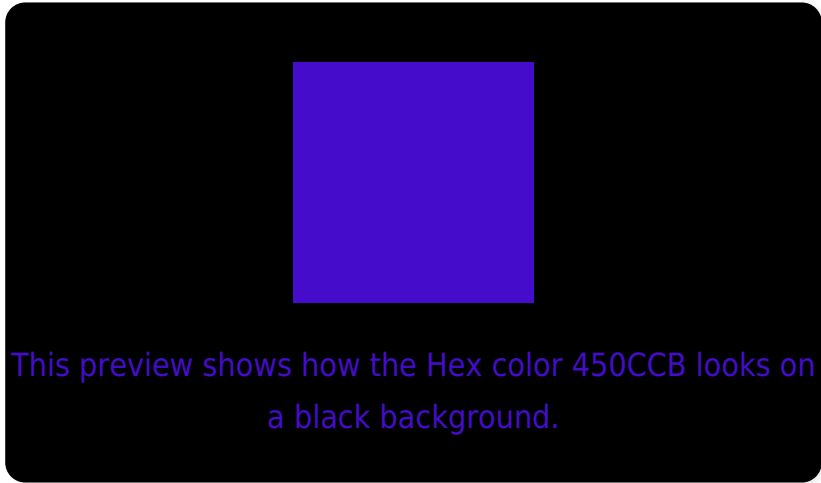
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

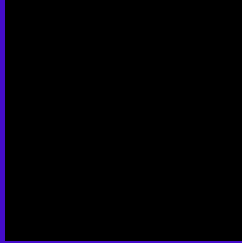
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 450CCB Background



This preview shows how black text looks on a background with the Hex color 450CCB.



This preview shows how white text looks on a background with the Hex color 450CCB.

# 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





# Trichromacy



**Original Color**  
450CCB

**Protanomaly**  
192FA4

**Deuteranomaly**  
193296

**Tritanomaly**  
19357E

# Monochromacy



**Original Color**  
450CCB

**Achromatopsia**  
333333

**Achromatomaly**  
3A256A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 450CCB 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 #450CCB looks like.

```
.text, #text, p{  
    color:#450CCB  
}
```

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 #450CCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450CCB
}
```

## Border

The CSS property to change the border of an element to Hex 450CCB 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
#450CCB }
```

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

```
.border{ border-color:#450CCB }
```

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

Here you see how a box with a 4 pixel #450CCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450CCB; -webkit-box-shadow:4px 4px  
4px 4px #450CCB; box-shadow:4px 4px 4px  
4px #450CCB }
```

# Background

The CSS property to change the background color of an element to Hex 450CCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450CCB }
```

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

```
.background{ background-color:#450CCB }
```

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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