

# Converting Colors

Hex(4500CD)

Have a look what the booklet for  
Hex(4500CD) contains.

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**Color**

**Hex(4500CD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4500CD
RGB	69, 0, 205
RGB Percent	27%, 0%, 80%
CMY	0.7294, 1.0000, 0.1961
CMYK	0.66, 1.00, 0.00, 0.20
HSL	260°, 100%, 40%
HSV	260°, 100%, 80%
XYZ	13.4737, 5.6730, 58.1425
YIQ	44.0010, -24.6810, 78.3830

# Conversions

## Conversions Part 2

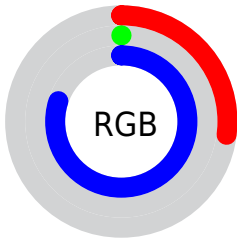
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	69, 0, 205
Decimal	4522189
CIE Lab	28.57, 68.59, -85.41
CIE LCh	29, 109.540, 308.765
Yxy	5.6730, 0.1743, 0.0734
Android (android.graphics.Color)	4282712269 (0xFF4500CD)
YUV	44.0010, 79.3725, 21.9241
Hunter-Lab	23.8180, 59.2946, -128.0608

# Details

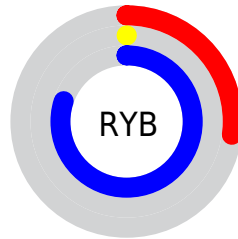
The Hex color **4500CD** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **88CD00**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8845FF**, and **000095** is the 20% darker color. If you saturate the color by 10%, you get **4500CD**, and if you desaturate by 10%, it is **5314CD**.

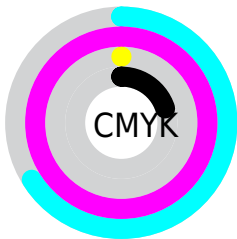
# Distribution



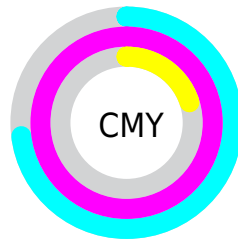
- Red (27%)
- Green (0%)
- Blue (80%)



- Red (27%)
- Yellow (0%)
- Blue (80%)



- Cyan (66%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (73%)
- Magenta (100%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4500CD 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 4500CD by changing the saturation by 10% instead.



 4500CD

 4500CD

FFFFFF

 1200B1

 8845FF

 000095

 A760FF

 00007A

 C67BFF

 000060

 E597FF

 000847

 FFB3FF

 000430

 FFCFFF

 00011A

 FFECFF

 000000

 4500CD

 5314CD

 6029CD

 6E3ECD

 7B52CD

 8967CD

 977BCD

 A490CD

 B2A4CD

 BFB9CD

# Harmonies

## Analogous

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



004DF4



4500CD



B00083

# Triad

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



4500CD



812000



005C5C

# Complementary

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



4500CD



88CD00

# 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.



005A00



4500CD



3C4900

# Square

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



4500CD



B10000



005600



005FB0

# Rectangle

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



4500CD



C5004C



005600



005B3E



# Sweetspot

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



4500CD



CCB3FF



0089CD



615280



000000



808080



# Same Dimension

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



4500CD



5600FF



AB00CD



5F5C66



3800A6



0D0026



# Inverse Universe

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



CD0088



FF00A9



22CD00



665C63



A6006E

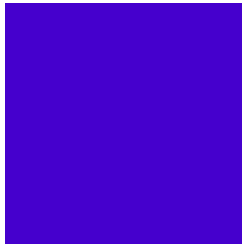


260019



# Previews

## White Background



This preview shows how the Hex color 4500CD looks on a white background.

## Color Contrast Check

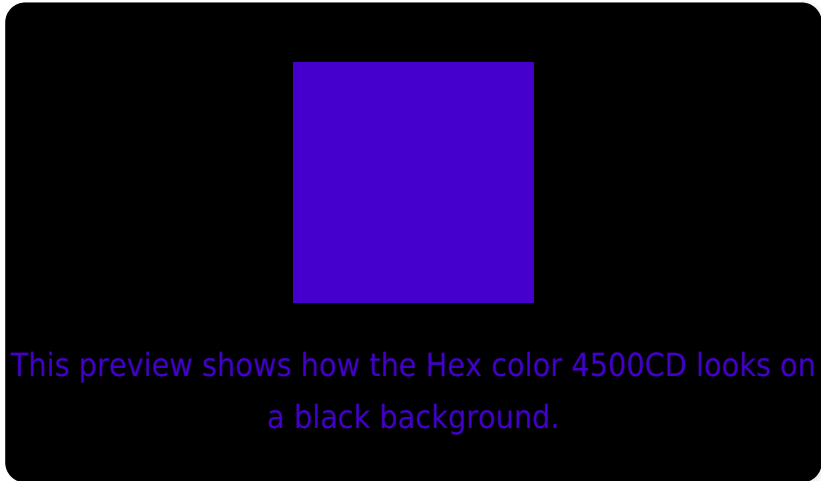
Large Text (above 18pt) WCAG AA ✓ Pass

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

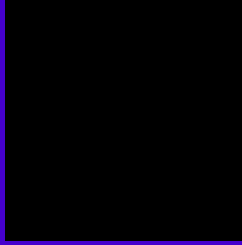
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4500CD Background



This preview shows how black text looks on a background with the Hex color 4500CD.



This preview shows how white text looks on a background with the Hex color 4500CD.

# 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**  
4500CD

**Protanomaly**  
192BA4

**Deuteranomaly**  
192E97

**Tritanomaly**  
19317F

# Monochromacy



**Original Color**  
4500CD

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
351C67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4500CD 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 #4500CD looks like.

```
.text, #text, p{  
    color:#4500CD  
}
```

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 #4500CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4500CD
}
```

## Border

The CSS property to change the border of an element to Hex 4500CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

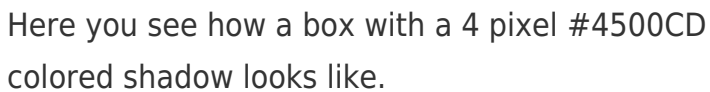
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4500CD }
```

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

```
.border{ border-color:#4500CD }
```

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



Here you see how a box with a 4 pixel #4500CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4500CD; -webkit-box-shadow:4px 4px  
4px 4px #4500CD; box-shadow:4px 4px 4px  
4px #4500CD }
```

# Background

The CSS property to change the background color of an element to Hex 4500CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4500CD }
```

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

```
.background{ background-color:#4500CD }
```

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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