

Converting Colors

Hex(450DB5)

Have a look what the booklet for
Hex(450DB5) contains.

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Color

Hex(450DB5)

Conversions

Conversions Part 1

Format	Color
Hex	450DB5
RGB	69, 13, 181
RGB Percent	27%, 5%, 71%
CMY	0.7294, 0.9490, 0.2902
CMYK	0.62, 0.93, 0.00, 0.29
HSL	260°, 87%, 38%
HSV	260°, 93%, 71%
XYZ	10.9387, 4.8893, 44.0833
YIQ	48.8960, -20.5520, 64.1200

Conversions

Conversions Part 2

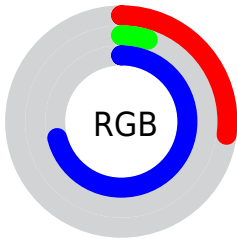
Format	Color
R_{YB}	69, 13, 181
Decimal	4525493
CIE _{Lab}	26.42, 60.38, -74.82
CIE _{LCh}	26, 96.146, 308.901
Yxy	4.8893, 0.1826, 0.0816
Android (android.graphics.Color)	4282715573 (0xFF450DB5)
YUV	48.8960, 65.1273, 17.6312
Hunter-Lab	22.1117, 49.6087, -102.7263

Details

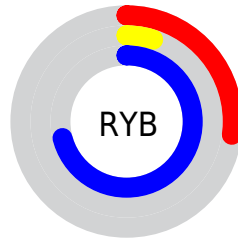
The Hex color **450DB5** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7DB50D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **8447EE**, and **00007E** is the 20% darker color. If you saturate the color by 10%, you get **3C00B5**, and if you desaturate by 10%, it is **511FB5**.

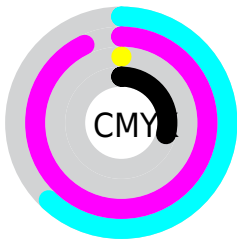
Distribution



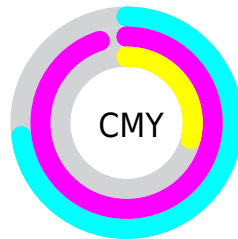
- Red (27%)
- Green (5%)
- Blue (71%)



- Red (27%)
- Yellow (5%)
- Blue (71%)



- Cyan (62%)
- Magenta (93%)
- Yellow (0%)
- Black (29%)



- Cyan (73%)
- Magenta (95%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 450DB5 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 450DB5 by changing the saturation by 10% instead.

450DB5

450DB5

FFFFFF

1D0099

8447EE

00007E

A261FF

000065

C07CFF

00084B

DE97FF

000434

FCB3FF

00021E

FFCFFF

000000

FFECFF

450DB5

450DB5

■ 3C00B5

■ 511FB5

■ 5D31B5

■ 6943B5

■ 7555B5

■ 8167B5

■ 8D7AB5

■ 998CB5

■ A69EB5

■ B2B0B5

Harmonies

Analogous

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



0046D7



450DB5



9D0075

Triad

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



450DB5



752200



005554

Complementary

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



450DB5



7DB50D

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.



005300



450DB5



394300

Square

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



450DB5



9F0000



004F00



00579C

Rectangle

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



450DB5



AF0045



004F00



00543A

Sweetspot

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



450DB5



BFA9EB



0D7DB5



5B4D75



F5F5F5



757575

Same Dimension

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



450DB5



4E00EB



990DB5



535059



330099



08001A

Inverse Universe

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



B50D7D



EB009C



29B50D



595056



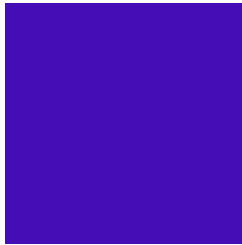
990066



1A0011

Previews

White Background



This preview shows how the Hex color 450DB5 looks on a white background.

Color Contrast Check

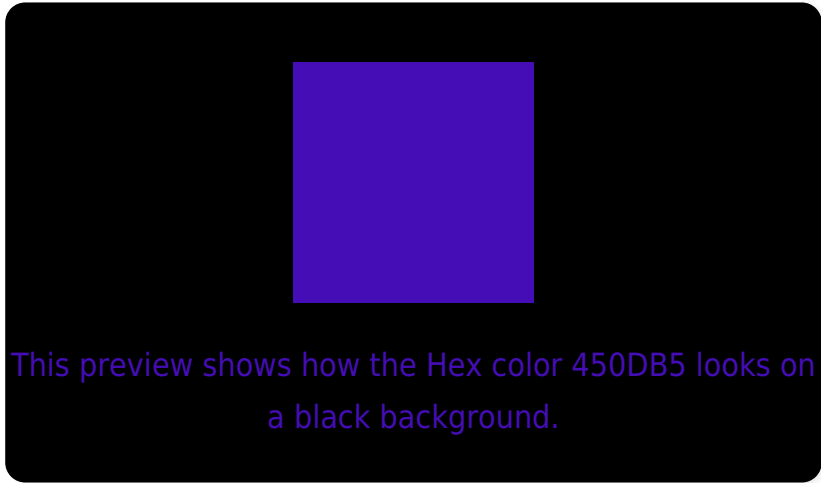
Large Text (above 18pt) WCAG AA ✓ Pass

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

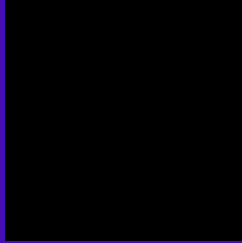
Any Text WCAG AA × Fail

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 450DB5 Background



This preview shows how black text looks on a background with the Hex color 450DB5.



This preview shows how white text looks on a background with the Hex color 450DB5.

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



Original Color
450DB5

Protanopia
003E81

Deuteranopia
00426E



Tritanopia
00474C

Trichromacy



Original Color
450DB5

Protanomaly
192C94

Deuteranomaly
192F88

Tritanomaly
193272

Monochromacy



Original Color
450DB5

Achromatopsia
313131

Achromatomaly
382461

CSS Examples

Text

The CSS property to change the color of the text to Hex 450DB5 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 #450DB5 looks like.

```
.text, #text, p{  
    color:#450DB5  
}
```

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 #450DB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450DB5
}
```

Border

The CSS property to change the border of an element to Hex 450DB5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

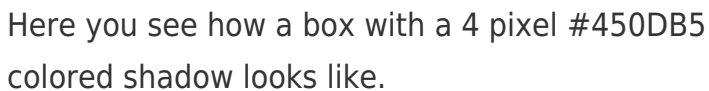
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450DB5 }
```

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

```
.border{ border-color:#450DB5 }
```

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



Here you see how a box with a 4 pixel #450DB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450DB5; -webkit-box-shadow:4px 4px  
4px 4px #450DB5; box-shadow:4px 4px 4px  
4px #450DB5 }
```

Background

The CSS property to change the background color of an element to Hex 450DB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450DB5 }
```

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

```
.background{ background-color:#450DB5 }
```

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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