

# Converting Colors

Hex(4511B7)

Have a look what the booklet for  
Hex(4511B7) contains.

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# Color

**Hex(4511B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4511B7
RGB	69, 17, 183
RGB Percent	27%, 7%, 72%
CMY	0.7294, 0.9333, 0.2824
CMYK	0.62, 0.91, 0.00, 0.28
HSL	259°, 83%, 39%
HSV	259°, 91%, 72%
XYZ	11.2019, 5.0850, 45.1908
YIQ	51.4720, -22.2940, 62.6500

# Conversions

## Conversions Part 2

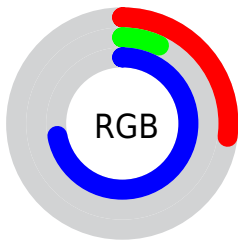
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 17, 183
Decimal	4526519
CIELab	26.98, 59.90, -75.09
CIElCh	27, 96.057, 308.582
Yxy	5.0850, 0.1822, 0.0827
Android (android.graphics.Color)	4282716599 (0xFF4511B7)
YUV	51.4720, 64.8433, 15.3721
Hunter-Lab	22.5500, 49.2094, -103.0341

# Details

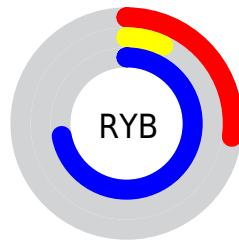
The Hex color **4511B7** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **83B711**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8449F0**, and **000080** is the 20% darker color. If you saturate the color by 10%, you get **3900B7**, and if you desaturate by 10%, it is **5223B7**.

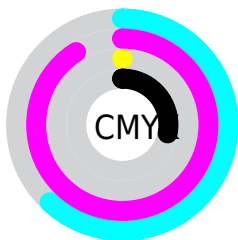
# Distribution



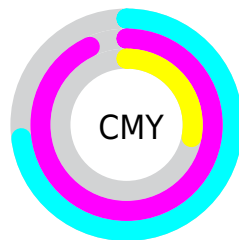
- Red (27%)
- Green (7%)
- Blue (72%)



- Red (27%)
- Yellow (7%)
- Blue (72%)



- Cyan (62%)
- Magenta (91%)
- Yellow (0%)
- Black (28%)



- Cyan (73%)
- Magenta (93%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4511B7 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 4511B7 by changing the saturation by 10% instead.



4511B7

4511B7

FFFFFF

1D009B

8449F0

000080

A263FF

000066

C07EFF

00074D

DE99FF

000535

FDB5FF

00021F

FFD1FF

000002

FFEEFF

000000

4511B7

4511B7

■ 3900B7

■ 5223B7

■ 5E36B7

■ 6B48B7

■ 775AB7

■ 846DB7

■ 907FB7

■ 9D91B7

■ AAA3B7

■ B6B6B7

# Harmonies

## Analogous

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



0048D8



4511B7



9E0077

# Triad

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



4511B7



772300



005754

# Complementary

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



4511B7



83B711

# 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.



005400



4511B7



3C4400

# Square

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



4511B7



A10000



005000



00599D

# Rectangle

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



4511B7



B10047



005000



00563A



# Sweetspot

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



4511B7



C1AEDD



1185B7



5E5178



F7F7F7



787878



# Same Dimension

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



4511B7



4A00ED



9611B7



55535C



31009C



09001C



# Inverse Universe

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



B71183



ED00A3



32B711



5C5359



9C006B

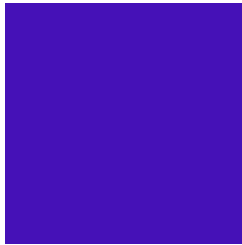


1C0013



# Previews

## White Background



This preview shows how the Hex color 4511B7 looks on a white background.

## Color Contrast Check

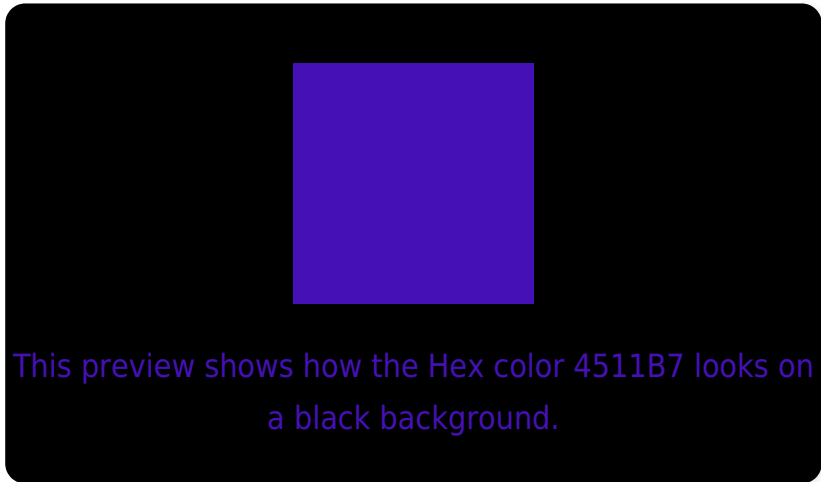
Large Text (above 18pt) WCAG AA ✓ Pass

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

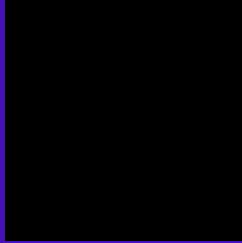
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4511B7 Background



This preview shows how black text looks on a background with the Hex color 4511B7.

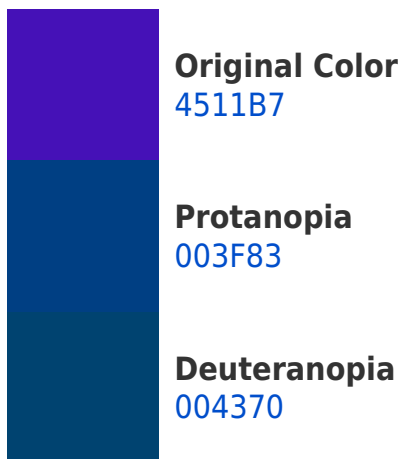



This preview shows how white text looks on a background with the Hex color 4511B7.

# 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**  
00484D

# Trichromacy



**Original Color**  
4511B7

**Protanomaly**  
192E96

**Deuteranomaly**  
19318A

**Tritanomaly**  
193474

# Monochromacy



**Original Color**  
4511B7

**Achromatopsia**  
333333

**Achromatomaly**  
3A2763

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4511B7 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 #4511B7 looks like.

```
.text, #text, p{  
    color:#4511B7  
}
```

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 #4511B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4511B7
}
```

## Border

The CSS property to change the border of an element to Hex 4511B7 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".

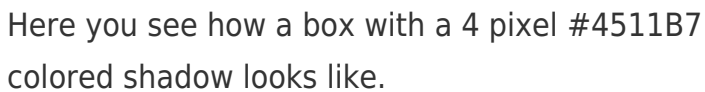
```
.border, #border, table{ border:4px solid
#4511B7 }
```

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

```
.border{ border-color:#4511B7 }
```

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

Here you see how a box with a 4 pixel #4511B7 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4511B7; -webkit-box-shadow:4px 4px  
4px 4px #4511B7; box-shadow:4px 4px 4px  
4px #4511B7 }
```

# Background

The CSS property to change the background color of an element to Hex 4511B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4511B7 }
```

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

```
.background{ background-color:#4511B7 }
```

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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