

Converting Colors

Hex(5700EE)

Have a look what the booklet for
Hex(5700EE) contains.

Hex(5700EE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5700EE)

Conversions

Conversions Part 1

Format	Color
Hex	5700EE
RGB	87, 0, 238
RGB Percent	34%, 0%, 93%
CMY	0.6588, 1.0000, 0.0667
CMYK	0.63, 1.00, 0.00, 0.07
HSL	262°, 100%, 47%
HSV	262°, 100%, 93%
XYZ	19.3631, 8.1993, 81.4510
YIQ	53.1450, -24.5460, 92.4620

Conversions

Conversions Part 2

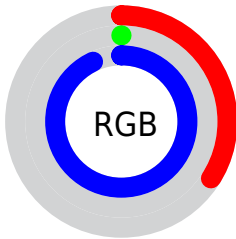
Format	Color
RYB	87, 0, 238
Decimal	5701870
CIELab	34.39, 76.99, -94.67
CIELCh	34, 122.020, 309.119
Yxy	8.1993, 0.1776, 0.0752
Android (android.graphics.Color)	4283891950 (0xFF5700EE)
YUV	53.1450, 91.1335, 29.6908
Hunter-Lab	28.6344, 70.5948, -148.6073

Details

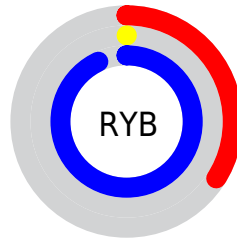
The Hex color **5700EE** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **97EE00**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9B4BFF**, and **0000B4** is the 20% darker color. If you saturate the color by 10%, you get **5700EE**, and if you desaturate by 10%, it is **6618EE**.

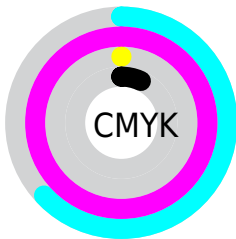
Distribution



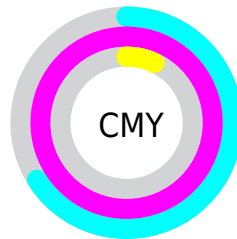
- Red (34%)
- Green (0%)
- Blue (93%)



- Red (34%)
- Yellow (0%)
- Blue (93%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (66%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5700EE 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 5700EE by changing the saturation by 10% instead.

5700EE

5700EE

FFFFFF

2B00D1

9B4BFF

0000B4

BB67FF

000098

DB83FF

00007D

FB9FFF

000963

FFBCFF

00094A

FFD9FF

000432

FFF7FF

00021C

000000

 5700EE

 6618EE

 7530EE

 8447EE

 935FEE

 A277EE

 B28FEE

 C1A7EE

 D0BEEE

 DFD6EE

Harmonies

Analogous

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



005CFF



5700EE



CE0099

Triad

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



5700EE



972A00



006D6E

Complementary

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



5700EE



97EE00

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.



006B00



5700EE



485800

Square

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



5700EE



CF0000



006600



0071CE

Rectangle

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



5700EE



E60059



006600



006C4C

Sweetspot

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



5700EE



CEB3FF



009BEE



625280



000000



808080

Same Dimension

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



5700EE



5D00FF



CA00EE



706C78



4300B8



150038

Inverse Universe

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



EE0097



FF00A2



24EE00



786C73



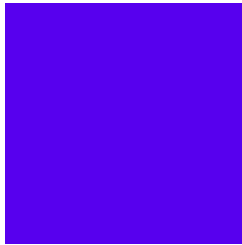
B80074



380024

Previews

White Background



This preview shows how the Hex color 5700EE looks on a white background.

Color Contrast Check

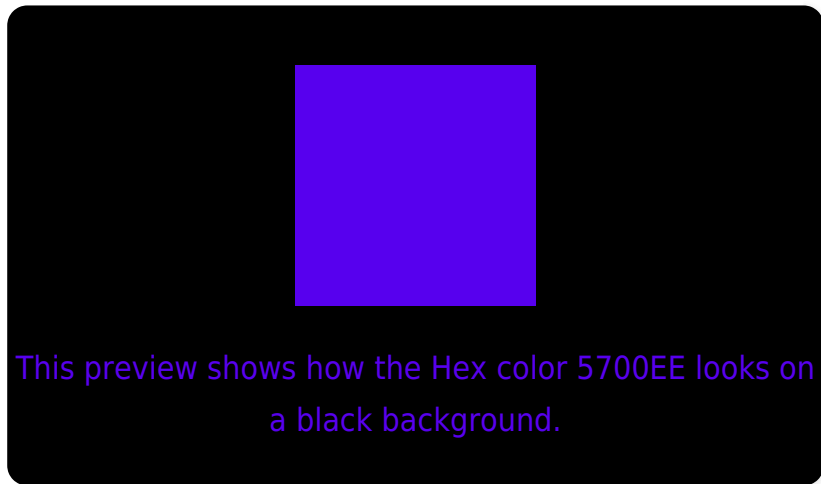
Large Text (above 18pt) WCAG AA ✓ Pass

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 5700EE Background



This preview shows how black text looks on a background with the Hex color 5700EE.

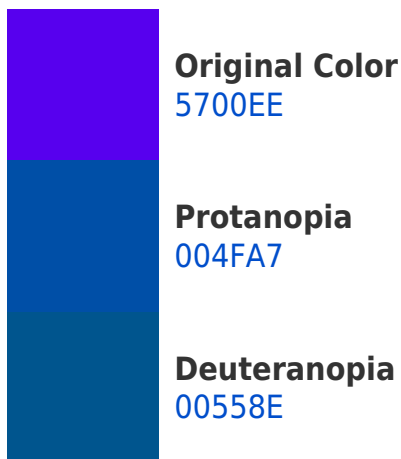


This preview shows how white text looks on a background with the Hex color 5700EE.

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
005B62

Trichromacy



Original Color
5700EE

Protanomaly
2032C1

Deuteranomaly
2036B1

Tritanomaly
203A95

Monochromacy



Original Color
5700EE

Achromatopsia
353535

Achromatomaly
412278

CSS Examples

Text

The CSS property to change the color of the text to Hex 5700EE 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 #5700EE looks like.

```
.text, #text, p{  
    color:#5700EE  
}
```

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 #5700EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5700EE
}
```

Border

The CSS property to change the border of an element to Hex 5700EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

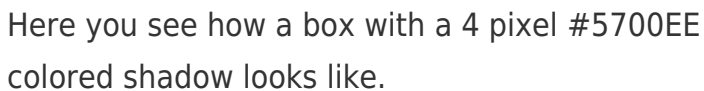
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5700EE }
```

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

```
.border{ border-color:#5700EE }
```

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



Here you see how a box with a 4 pixel #5700EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5700EE; -webkit-box-shadow:4px 4px  
4px 4px #5700EE; box-shadow:4px 4px 4px  
4px #5700EE }
```

Background

The CSS property to change the background color of an element to Hex 5700EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5700EE }
```

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

```
.background{ background-color:#5700EE }
```

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