

# Converting Colors

Hex(5500FE)

Have a look what the booklet for  
Hex(5500FE) contains.

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**Color**

**Hex(5500FE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5500FE
RGB	85, 0, 254
RGB Percent	33%, 0%, 100%
CMY	0.6667, 1.0000, 0.0039
CMYK	0.67, 1.00, 0.00, 0.00
HSL	260°, 100%, 50%
HSV	260°, 100%, 100%
XYZ	21.6357, 9.0871, 94.3796
YIQ	54.3710, -30.8740, 97.0140

# Conversions

## Conversions Part 2

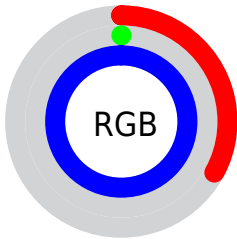
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	85, 0, 254
Decimal	5570814
CIE Lab	36.15, 80.50, -100.78
CIE LCh	36, 128.982, 308.618
Yxy	9.0871, 0.1729, 0.0726
Android (android.graphics.Color)	4283760894 (0xFF5500FE)
YUV	54.3710, 98.4171, 26.8616
Hunter-Lab	30.1447, 75.3611, -164.5286

# Details

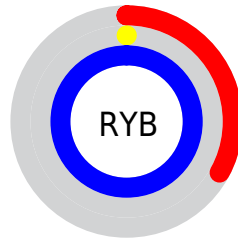
The Hex color **5500FE** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **A9FE00**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9C4DFF**, and **0000C3** is the 20% darker color. If you saturate the color by 10%, you get **5500FE**, and if you desaturate by 10%, it is **6619FE**.

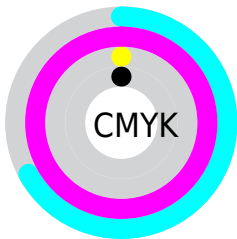
# Distribution



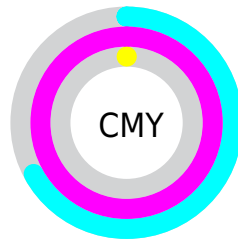
- Red (33%)
- Green (0%)
- Blue (100%)



- Red (33%)
- Yellow (0%)
- Blue (100%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5500FE 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 5500FE by changing the saturation by 10% instead.



5500FE

5500FE

FFFFFF

2200E0

9C4DFF

0000C3

BD69FF

0000A7

DE85FF

00008C

FEA2FF

000571

FFBEFF

000C57

FFDCFF

00063F

FFF9FF

000328

000112

 5500FE

 6619FE

 7733FE

 884CFE

 9966FE

 AA7FFE

 BA98FE

 CBB2FE

 DCCBFE

 EDE5FE

# Harmonies

## Analogous

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



0062FF



5500FE



D900A3

# Triad

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



5500FE



A12900



007372

# Complementary

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



5500FE



A9FE00

# 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.



007000



5500FE



4D5C00

# Square

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



5500FE



DB0000



006B00



0077D9

# Rectangle

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



5500FE



F30060



006B00



00724E



# Sweetspot

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



5500FE



CCB3FF



00A9FE



615280



000000



808080



# Same Dimension

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



5500FE



5500FF



D400FE



777380



4000BF



150040



# Inverse Universe

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



FE00A9



FF00AA



2AFE00



80737B



BF007F

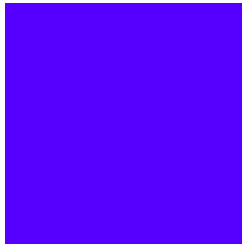


40002A



# Previews

## White Background



This preview shows how the Hex color 5500FE looks on a white background.

## Color Contrast Check

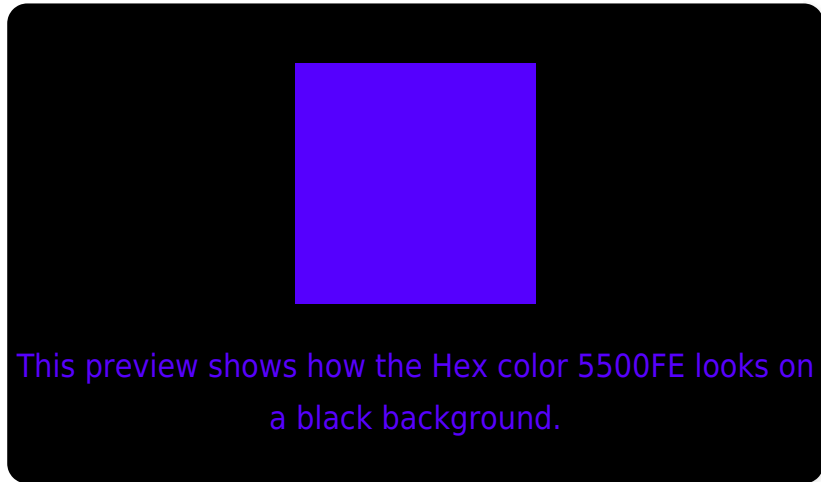
Large Text (above 18pt) WCAG AA ✓ Pass

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

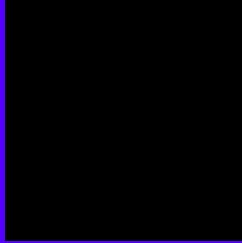
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5500FE Background



This preview shows how black text looks on a background with the Hex color 5500FE.

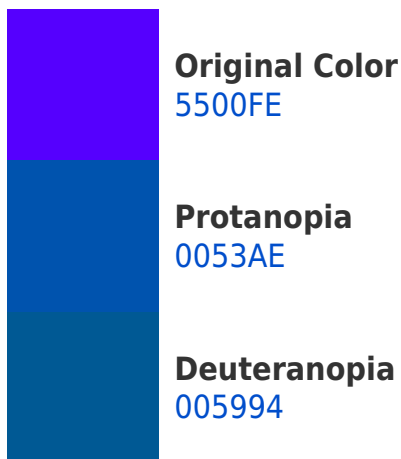


This preview shows how white text looks on a background with the Hex color 5500FE.

# 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**  
005F66

# Trichromacy



**Original Color**  
5500FE

**Protanomaly**  
1F35CB

**Deuteranomaly**  
1F39BB

**Tritanomaly**  
1F3C9D

# Monochromacy



**Original Color**  
5500FE

**Achromatopsia**  
363636

**Achromatomaly**  
41227F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5500FE 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 #5500FE looks like.

```
.text, #text, p{  
    color:#5500FE  
}
```

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 #5500FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5500FE
}
```

## Border

The CSS property to change the border of an element to Hex 5500FE 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".

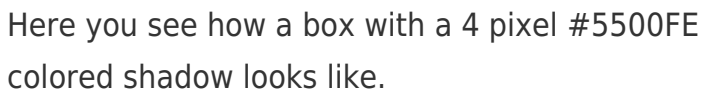
```
.border, #border, table{ border:4px solid
#5500FE }
```

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

```
.border{ border-color:#5500FE }
```

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

Here you see how a box with a 4 pixel #5500FE 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 #5500FE; -webkit-box-shadow:4px 4px  
4px 4px #5500FE; box-shadow:4px 4px 4px  
4px #5500FE }
```

# Background

The CSS property to change the background color of an element to Hex 5500FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5500FE }
```

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

```
.background{ background-color:#5500FE }
```

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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