

Converting Colors

Hex(4521FA)

Have a look what the booklet for
Hex(4521FA) contains.

Hex(4521FA)	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(4521FA)

Conversions

Conversions Part 1

Format	Color
Hex	4521FA
RGB	69, 33, 250
RGB Percent	27%, 13%, 98%
CMY	0.7294, 0.8706, 0.0196
CMYK	0.72, 0.87, 0.00, 0.02
HSL	250°, 96%, 55%
HSV	250°, 87%, 98%
XYZ	20.2534, 9.2550, 91.1614
YIQ	68.5020, -48.2010, 75.1190

Conversions

Conversions Part 2

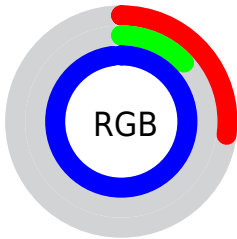
Format	Color
R _Y B	69, 33, 250
Decimal	4530682
CIE Lab	36.47, 72.48, -98.03
CIE LCh	36, 121.917, 306.476
Yxy	9.2550, 0.1678, 0.0767
Android (android.graphics.Color)	4282720762 (0xFF4521FA)
YUV	68.5020, 89.4785, 0.4367
Hunter-Lab	30.4221, 65.5971, -156.3700

Details

The Hex color **4521FA** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **D6FA21**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9059FF**, and **0000C0** is the 20% darker color. If you saturate the color by 10%, you get **3008FA**, and if you desaturate by 10%, it is **5A3AFA**.

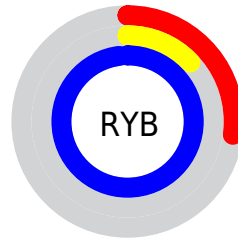
Distribution



Red (27%)

Green (13%)

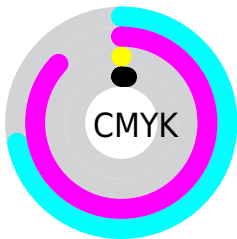
Blue (98%)



Red (27%)

Yellow (13%)

Blue (98%)

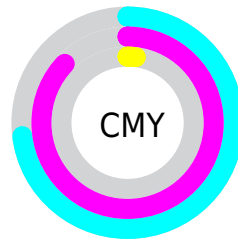


Cyan (72%)

Magenta (87%)

Yellow (0%)

Black (2%)



Cyan (73%)

Magenta (87%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4521FA 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 4521FA by changing the saturation by 10% instead.

 4521FA

 4521FA

FFFFFF

 0000DD

 9059FF

 0000C0

 B174FF

 0000A3

 D18FFF

 000088

 F1ABFF

 00096D

 FFC8FF

 000B54

 FFE5FF

 00063C

 000225

 00010E

■ 4521FA

■ 4521FA

■ 3008FA

■ 5A3AFA

■ 2900FA

■ 6F53FA

■ 846CFA

■ 9885FA

■ AD9EFA

■ C2B7FA

■ D7D0FA

■ ECE9FA

■ FFFFFA

Harmonies

Analogous

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



0063FF



4521FA



CF00A7

Triad

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



4521FA



A42700



00736A

Complementary

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



4521FA



D6FA21

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



4521FA



565A00

Square

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



4521FA



D90000



006B00



0076CC

Rectangle

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



4521FA



EB0066



006B00



007247

Sweetspot

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



4521FA



C8BDFF



21D9FA



5F5880



000000



808080

Same Dimension

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



4521FA



2A00FF



AE21FA



73707D



1F00BD



0A003D

Inverse Universe

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



FA21D6



FF00D5



6DFA21



7D707B



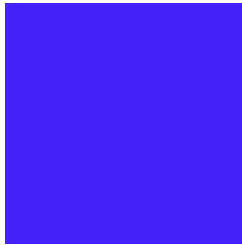
BD009D



3D0033

Previews

White Background



This preview shows how the Hex color 4521FA 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

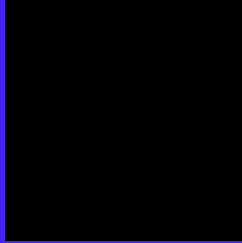
Any Text WCAG AA × Fail

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 4521FA Background



This preview shows how black text looks on a background with the Hex color 4521FA.



This preview shows how white text looks on a background with the Hex color 4521FA.

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
4521FA

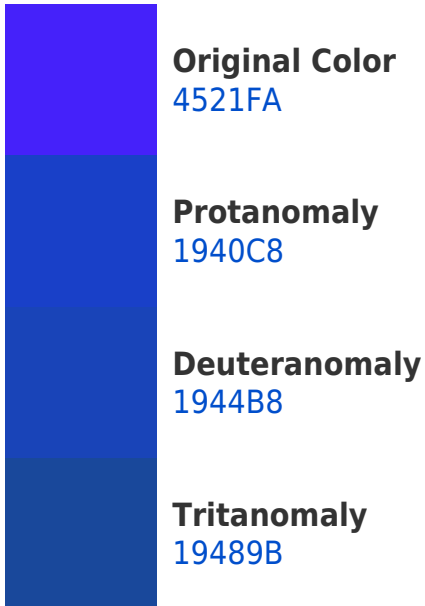
Protanopia
0052AC

Deuteranopia
005893

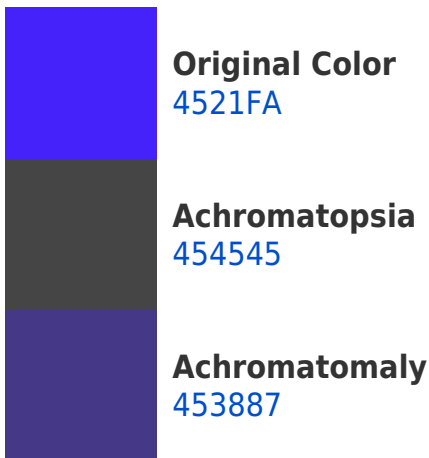


Tritanopia
005F64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4521FA 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 #4521FA looks like.

```
.text, #text, p{  
    color:#4521FA  
}
```

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 #4521FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4521FA
}
```

Border

The CSS property to change the border of an element to Hex 4521FA is called "border". The border property can be set on classes, ids or directly on the HTML element.

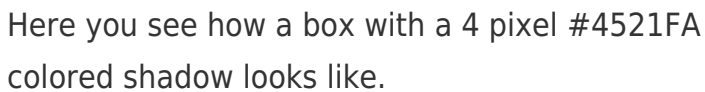
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4521FA }
```

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

```
.border{ border-color:#4521FA }
```

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



Here you see how a box with a 4 pixel #4521FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4521FA; -webkit-box-shadow:4px 4px  
4px 4px #4521FA; box-shadow:4px 4px 4px  
4px #4521FA }
```

Background

The CSS property to change the background color of an element to Hex 4521FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4521FA }
```

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

```
.background{ background-color:#4521FA }
```

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