

Converting Colors

Hex(4521FF)

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

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Color

Hex(4521FF)

Conversions

Conversions Part 1

Format	Color
Hex	4521FF
RGB	69, 33, 255
RGB Percent	27%, 13%, 100%
CMY	0.7294, 0.8706, 0.0000
CMYK	0.73, 0.87, 0.00, 0.00
HSL	250°, 100%, 56%
HSV	250°, 87%, 100%
XYZ	21.0481, 9.5729, 95.3461
YIQ	69.0720, -49.8060, 76.6740

Conversions

Conversions Part 2

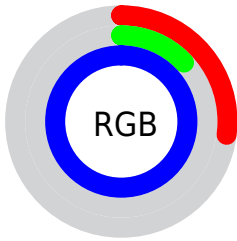
Format	Color
R _Y B	69, 33, 255
Decimal	4530687
CIE Lab	37.06, 73.77, -99.85
CIE LCh	37, 124.149, 306.459
Yxy	9.5729, 0.1671, 0.0760
Android (android.graphics.Color)	4282720767 (0xFF4521FF)
YUV	69.0720, 91.6625, -0.0631
Hunter-Lab	30.9401, 67.2856, -161.0519

Details

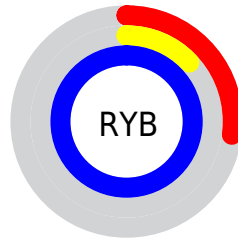
The Hex color **4521FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **DBFF21**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **915AFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **3008FF**, and if you desaturate by 10%, it is **5A3AFF**.

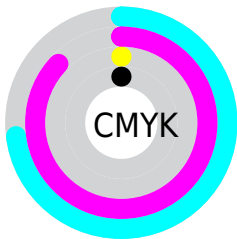
Distribution



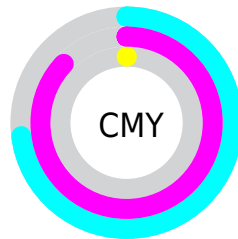
- Red (27%)
- Green (13%)
- Blue (100%)



- Red (27%)
- Yellow (13%)
- Blue (100%)



- Cyan (73%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 4521FF

 4521FF

FFFFFF

 0000E1

 915AFF

 0000C4

 B275FF

 0000A8

 D390FF

 00008D

 F3ACFF

 000872

 FFC8FF

 000C58

 FFE5FF

 000740

 000329

 000113

 4521FF

 4521FF

 3008FF

 5A3AFF

 2900FF

 7054FF

 856DFF

 9A87FF

 B0A1FF

 C5BAFF

 DBD3FF

 F0EDFF

FFFFFF

Harmonies

Analogous

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



0065FF



4521FF



D300AA

Triad

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



4521FF



A72700



00756C

Complementary

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



4521FF



DBFF21

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.



007200



4521FF



585C00

Square

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



4521FF



DE0000



006D00



0078D0

Rectangle

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



4521FF



EF0068



006D00



007448

Sweetspot

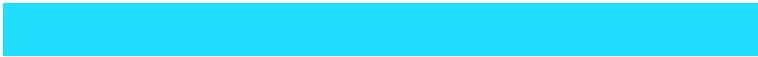
The Sweet Spot groups the original color and five complimentary colors.



4521FF



C7BDFF



21DEFF



5E5880



000000



808080

Same Dimension

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



4521FF



2900FF



B121FF



757380



1F00BF



0A0040

Inverse Universe

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



FF21DB



FF00D6



6FFF21



80737D



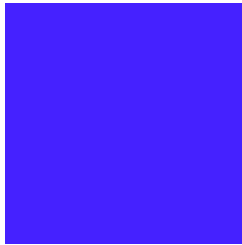
BF00A0



400035

Previews

White Background



This preview shows how the Hex color 4521FF looks on a white background.

Color Contrast Check

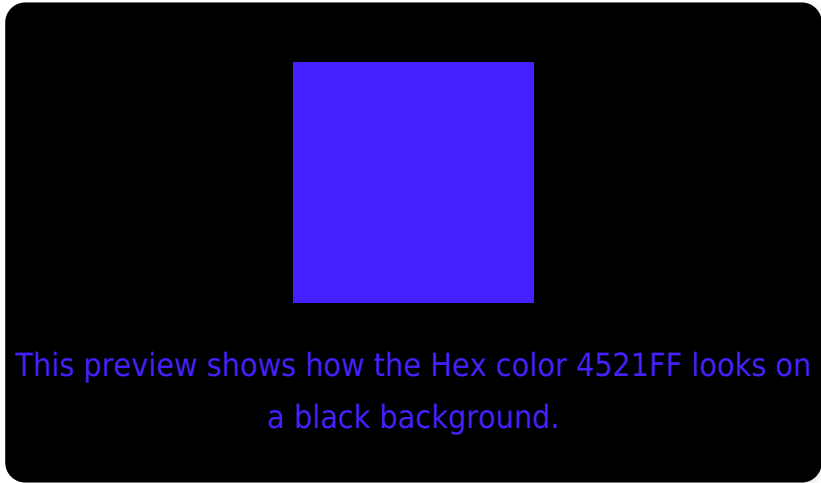
Large Text (above 18pt) WCAG AA ✓ Pass

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

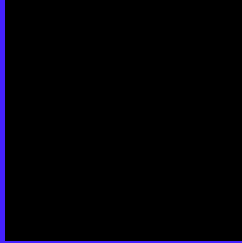
Any Text WCAG AA × Fail

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 4521FF Background



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

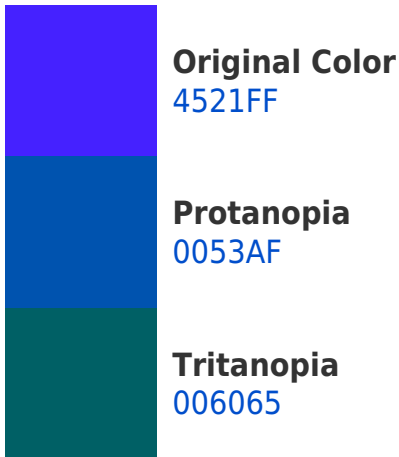


This preview shows how white text looks on a background with the Hex color 4521FF.

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



Trichromacy



Original Color
4521FF

Protanomaly
1941CC

Tritanomaly
19499D

Monochromacy



Original Color
4521FF

Achromatopsia
454545

Achromatomaly
453889

CSS Examples

Text

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

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

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 #4521FF colored shadow looks like.

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

Border

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

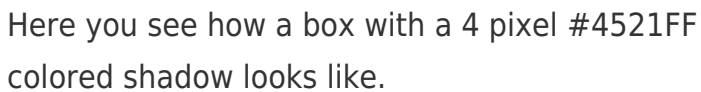
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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