

# Converting Colors

Hex(4538FF)

Have a look what the booklet for  
Hex(4538FF) contains.

<b>Hex(4538FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(4538FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4538FF
RGB	69, 56, 255
RGB Percent	27%, 22%, 100%
CMY	0.7294, 0.7804, 0.0000
CMYK	0.73, 0.78, 0.00, 0.00
HSL	244°, 100%, 61%
HSV	244°, 78%, 100%
XYZ	21.9184, 11.3136, 95.6362
YIQ	82.5730, -56.1310, 64.6450

# Conversions

## Conversions Part 2

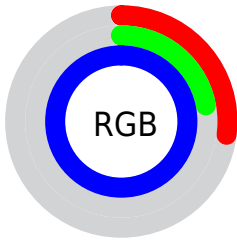
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	69, 56, 255
Decimal	4536575
CIE Lab	40.10, 64.79, -94.81
CIE LCh	40, 114.829, 304.348
Yxy	11.3136, 0.1701, 0.0878
Android (android.graphics.Color)	4282726655 (0xFF4538FF)
YUV	82.5730, 85.0065, -11.9035
Hunter-Lab	33.6356, 57.4559, -145.0344

# Details

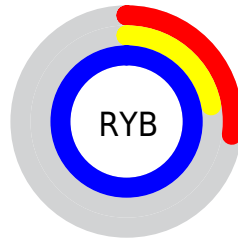
The Hex color **4538FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F2FF38**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8F6BFF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **2D1EFF**, and if you desaturate by 10%, it is **5D52FF**.

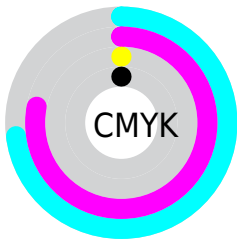
# Distribution



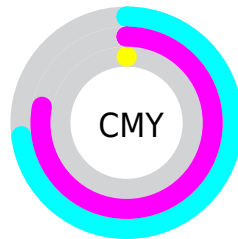
- Red (27%)
- Green (22%)
- Blue (100%)



- Red (27%)
- Yellow (22%)
- Blue (100%)



- Cyan (73%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (78%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4538FF 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 4538FF by changing the saturation by 10% instead.



 4538FF

 4538FF

FFFFFF

 001EE1

 8F6BFF

 0000C5

 B086FF

 0000A8

 D1A1FF

 00008D

 F1BDFF


 000472

 FFD9FF

 000D58

 FFF6FF

 000740

 000329

 000113

■ 4538FF

■ 4538FF

■ 2D1EFF

■ 5D52FF

■ 1505FF

■ 756BFF

■ 1100FF

■ 8D84FF

■ A49EFF

■ BCB7FF

■ D4D1FF

■ ECEBFF

FFFFFF

# Harmonies

## Analogous

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



006CFF



4538FF



D000B2

# Triad

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



4538FF



B03000



007D6B

# Complementary

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



4538FF



F2FF38

# 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.



007A00



4538FF



686100

# Square

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



4538FF



E30000



007300



007FC9

# Rectangle

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



4538FF



EE0075



007300



007C49



# Sweetspot

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



4538FF



C8C4FF



38F5FF



5E5C80



000000



808080



# Same Dimension

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



4538FF



1F0FFF



A538FF



747380



0C00BF



040040



# Inverse Universe

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



FF38F2



FF0FEF



92FF38



80737F



BF00B3

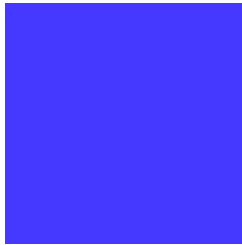


40003C



# Previews

## White Background



This preview shows how the Hex color 4538FF looks on a white background.

## Color Contrast Check

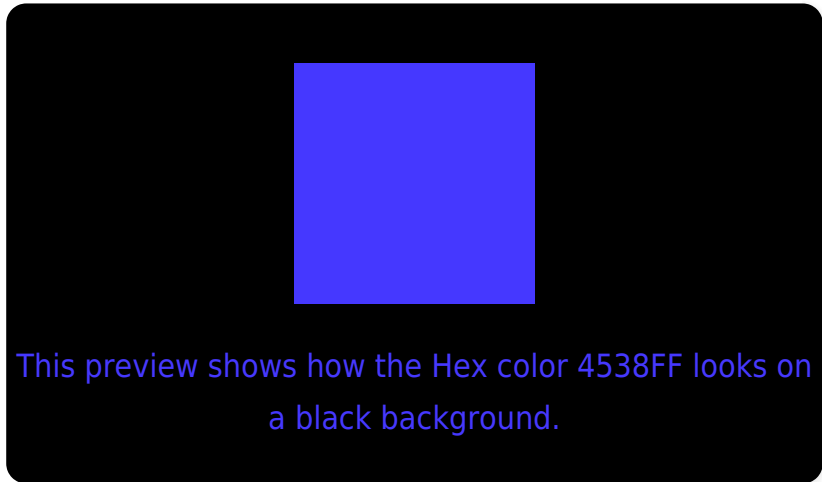
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4538FF Background



This preview shows how black text looks on a background with the Hex color 4538FF.

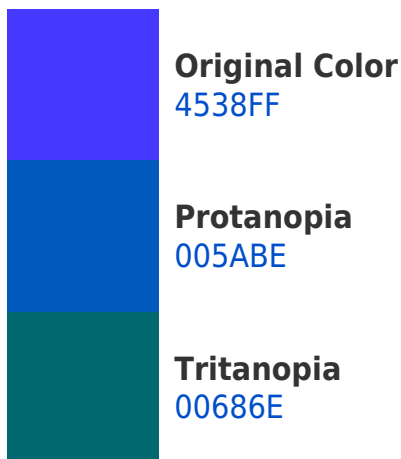


This preview shows how white text looks on a background with the Hex color 4538FF.

# 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**  
4538FF

**Protanomaly**  
194ED6

**Tritanomaly**  
1957A3

# Monochromacy



**Original Color**  
4538FF

**Achromatopsia**  
535353

**Achromatomaly**  
4E4992

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4538FF 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 #4538FF looks like.

```
.text, #text, p{  
    color:#4538FF  
}
```

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 #4538FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4538FF
}
```

## Border

The CSS property to change the border of an element to Hex 4538FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

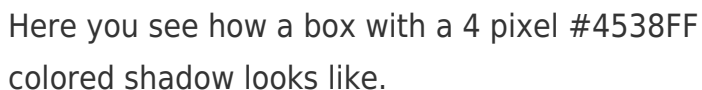
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4538FF }
```

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

```
.border{ border-color:#4538FF }
```

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



Here you see how a box with a 4 pixel #4538FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4538FF; -webkit-box-shadow:4px 4px  
4px 4px #4538FF; box-shadow:4px 4px 4px  
4px #4538FF }
```

# Background

The CSS property to change the background color of an element to Hex 4538FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4538FF }
```

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

```
.background{ background-color:#4538FF }
```

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