

# Converting Colors

Hex(4355FA)

Have a look what the booklet for  
Hex(4355FA) contains.

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**Color**

**Hex(4355FA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4355FA
RGB	67, 85, 250
RGB Percent	26%, 33%, 98%
CMY	0.7373, 0.6667, 0.0196
CMYK	0.73, 0.66, 0.00, 0.02
HSL	234°, 95%, 62%
HSV	234°, 73%, 98%
XYZ	22.8186, 14.5924, 92.0564
YIQ	98.4280, -63.6930, 47.4990

# Conversions

## Conversions Part 2

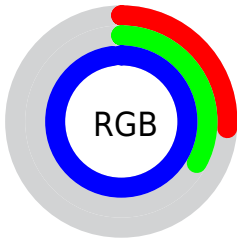
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	67, 83, 250
Decimal	4412922
CIE <sub>Lab</sub>	45.07, 47.52, -83.82
CIE <sub>LCh</sub>	45, 96.354, 299.550
Y <sub>xy</sub>	14.5924, 0.1762, 0.1127
Android (android.graphics.Color)	4282603002 (0xFF4355FA)
YUV	98.4280, 74.7250, -27.5624
Hunter-Lab	38.2000, 39.7759, -116.1401

# Details

The Hex color **4355FA** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **FAE843**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8B87FF**, and **0027C0** is the 20% darker color. If you saturate the color by 10%, you get **2A3EFA**, and if you desaturate by 10%, it is **5C6CFA**.

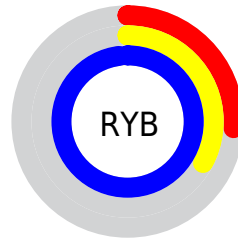
# Distribution



Red (26%)

Green (33%)

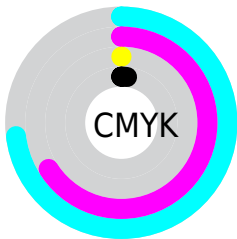
Blue (98%)



Red (26%)

Yellow (33%)

Blue (98%)

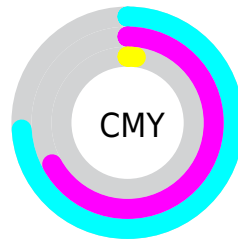


Cyan (73%)

Magenta (66%)

Yellow (0%)

Black (2%)



Cyan (74%)

Magenta (67%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4355FA 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 4355FA by changing the saturation by 10% instead.



 4355FA

 4355FA

FFFFFF

 003EDD

 8B87FF

 0027C0

 ABA1FF

 0013A4

 CBBDFE

 000389

 EAD9FF

 00006E

 FFF5FF

 000C55

 00063D

 000226

 00010F

 4355FA

 4355FA

 2A3EFA

 5C6CFA

 1128FA

 7582FA

 0019FA

 8E99FA

 A7AFFA

 C0C6FA

 D9DCFA

 F2F3FA

 FFFFFA

# Harmonies

## Analogous

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



0078FF



4355FA



C400BE

# Triad

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



4355FA



C03F00



008867

# Complementary

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



4355FA



FAE843

# 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.



008400



4355FA



846800

# Square

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



4355FA



E60022



2A7B00



0089B9

# Rectangle

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



4355FA



E5008A



2A7B00



00874B



# Sweetspot

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



4355FA



C7CCFF



43FAE8



5E6280



000000



808080



# Same Dimension

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



4355FA



1F35FF



8C43FA



70727D



0013BD



00063D



# Inverse Universe

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



FA4355



FF1F35



B1FA43



7D7072



BD0013

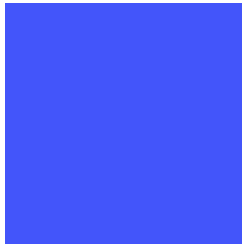


3D0006



# Previews

## White Background



This preview shows how the Hex color 4355FA looks on a white background.

## Color Contrast Check

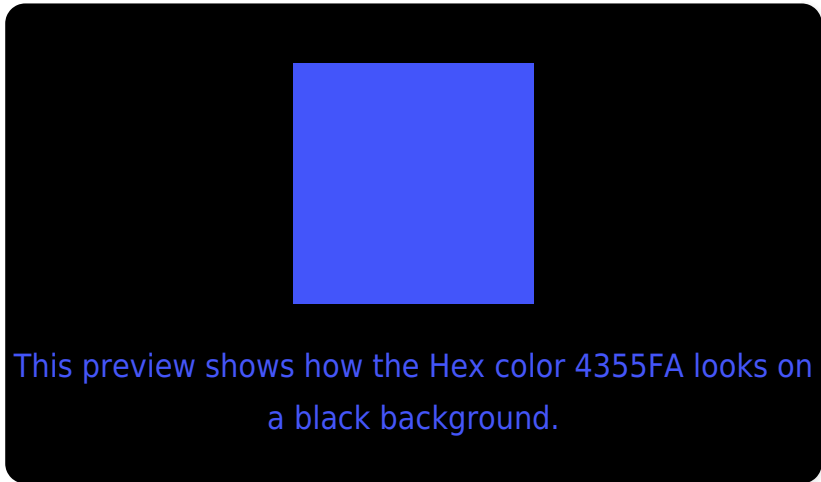
Large Text (above 18pt) WCAG AA ✓ Pass

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

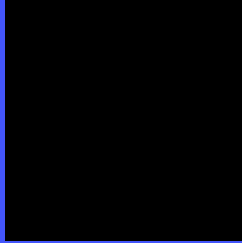
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4355FA Background



This preview shows how black text looks on a background with the Hex color 4355FA.

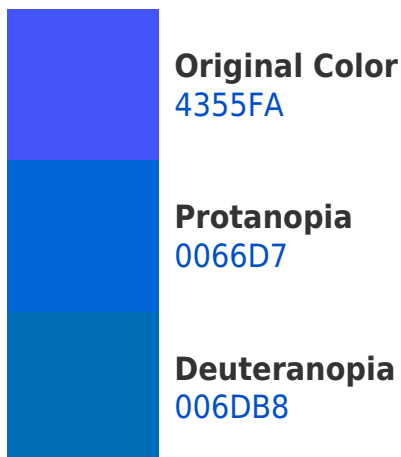


This preview shows how white text looks on a background with the Hex color 4355FA.

# 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](#).

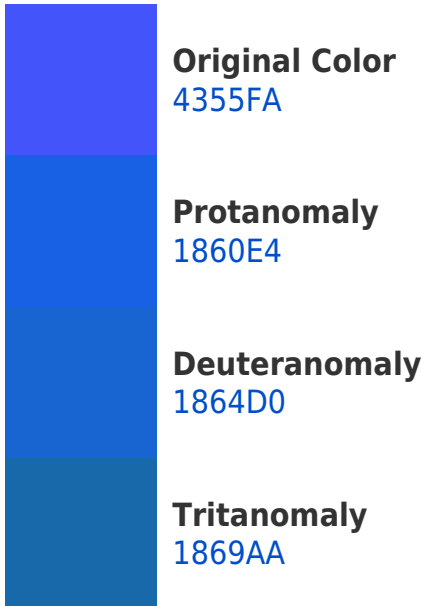
## Dichromacy



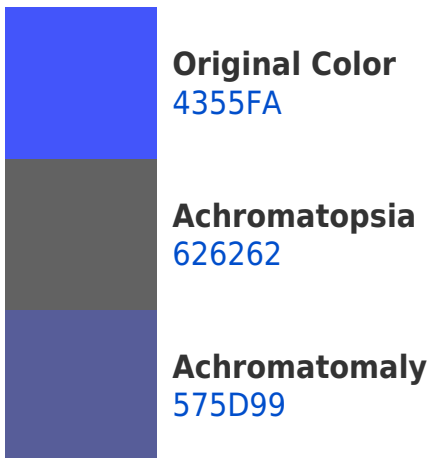


**Tritanopia**  
00757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4355FA 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 #4355FA looks like.

```
.text, #text, p{  
    color:#4355FA  
}
```

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 #4355FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4355FA
}
```

## Border

The CSS property to change the border of an element to Hex 4355FA 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
#4355FA }
```

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

```
.border{ border-color:#4355FA }
```

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

Here you see how a box with a 4 pixel #4355FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4355FA; -webkit-box-shadow:4px 4px  
4px 4px #4355FA; box-shadow:4px 4px 4px  
4px #4355FA }
```

# Background

The CSS property to change the background color of an element to Hex 4355FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4355FA }
```

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

```
.background{ background-color:#4355FA }
```

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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