

# Converting Colors

Hex(4055FE)

Have a look what the booklet for  
Hex(4055FE) contains.

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# Color

**Hex(4055FE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4055FE
RGB	64, 85, 254
RGB Percent	25%, 33%, 100%
CMY	0.7490, 0.6667, 0.0039
CMYK	0.75, 0.67, 0.00, 0.00
HSL	233°, 99%, 62%
HSV	233°, 75%, 100%
XYZ	23.2522, 14.7427, 95.3860
YIQ	97.9870, -66.7650, 48.1070

# Conversions

## Conversions Part 2

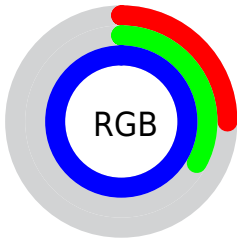
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	64, 83, 254
Decimal	4216318
CIE Lab	45.28, 48.58, -85.71
CIE LCh	45, 98.522, 299.541
Yxy	14.7427, 0.1743, 0.1105
Android (android.graphics.Color)	4282406398 (0xFF4055FE)
YUV	97.9870, 76.9144, -29.8066
Hunter-Lab	38.3963, 40.9036, -120.4139

# Details

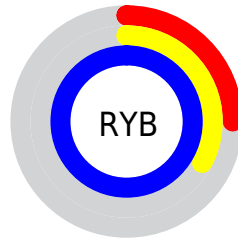
The Hex color **4055FE** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **FEE940**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8A87FF**, and **0027C4** is the 20% darker color. If you saturate the color by 10%, you get **273EFE**, and if you desaturate by 10%, it is **596CFE**.

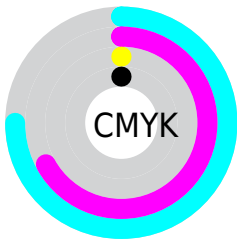
# Distribution



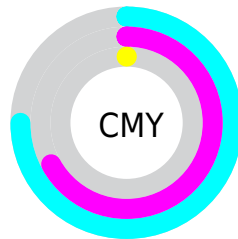
- Red (25%)
- Green (33%)
- Blue (100%)



- Red (25%)
- Yellow (33%)
- Blue (100%)



- Cyan (75%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (67%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4055FE 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 4055FE by changing the saturation by 10% instead.



 4055FE

 4055FE

FFFFFF

 003EE1

 8A87FF

 0027C4

 AAA2FF

 0013A8

 CABDFF

 00038C

 EAD9FF

 000072

 FFF5FF

 000C58

 000740

 000329

 000113

■ 4055FE

■ 4055FE

■ 273EFE

■ 596CFE

■ 0D28FE

■ 7382FE

■ 001CFE

■ 8C99FE

■ A6AFFE

■ BFC6FE

■ D8DDFE

■ F2F3FE

FFFFFE

# Harmonies

## Analogous

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



0079FF



4055FE



C600C0

# Triad

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



4055FE



C23E00



008968

# Complementary

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



4055FE



FEE940

# 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.



008500



4055FE



846800

# Square

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



4055FE



E90020



277C00



008ABC

# Rectangle

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



4055FE



E8008C



277C00



00884A



# Sweetspot

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



4055FE



C7CDFF



40FEE8



5E6280



000000



808080



# Same Dimension

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



4055FE



1933FF



8940FE



737480



0015BF



000740



# Inverse Universe

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



FE4055



FF1933



B5FE40



807374



BF0015

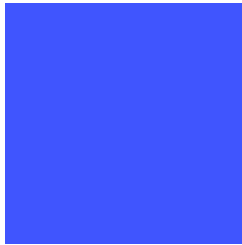


400007



# Previews

## White Background



This preview shows how the Hex color 4055FE looks on a white background.

## Color Contrast Check

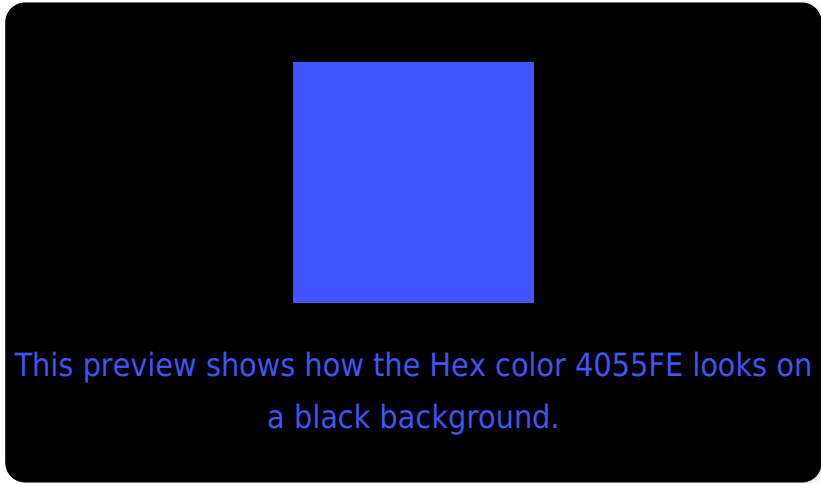
Large Text (above 18pt) WCAG AA ✓ Pass

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

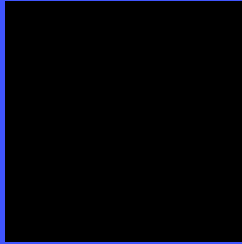
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4055FE Background



This preview shows how black text looks on a background with the Hex color 4055FE.

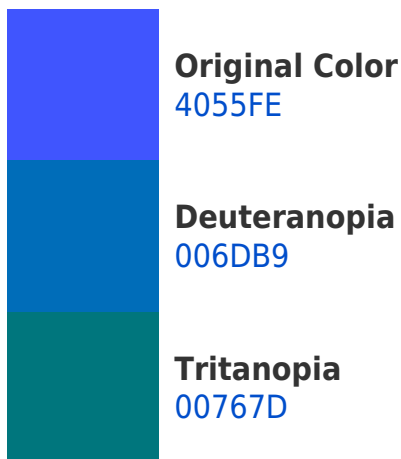


This preview shows how white text looks on a background with the Hex color 4055FE.

# 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**  
4055FE

**Deuteranomaly**  
1764D2

**Tritanomaly**  
176AAC

# Monochromacy



**Original Color**  
4055FE

**Achromatopsia**  
626262

**Achromatomaly**  
565D9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4055FE 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 #4055FE looks like.

```
.text, #text, p{  
    color:#4055FE  
}
```

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 #4055FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4055FE
}
```

## Border

The CSS property to change the border of an element to Hex 4055FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

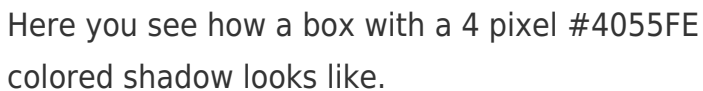
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4055FE }
```

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

```
.border{ border-color:#4055FE }
```

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



Here you see how a box with a 4 pixel #4055FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4055FE; -webkit-box-shadow:4px 4px  
4px 4px #4055FE; box-shadow:4px 4px 4px  
4px #4055FE }
```

# Background

The CSS property to change the background color of an element to Hex 4055FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4055FE }
```

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

```
.background{ background-color:#4055FE }
```

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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