

Converting Colors

Hex(3F5FD7)

Have a look what the booklet for
Hex(3F5FD7) contains.

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Color

Hex(3F5FD7)

Conversions

Conversions Part 1

Format	Color
Hex	3F5FD7
RGB	63, 95, 215
RGB Percent	25%, 37%, 84%
CMY	0.7529, 0.6275, 0.1569
CMYK	0.71, 0.56, 0.00, 0.16
HSL	227°, 66%, 55%
HSV	227°, 71%, 84%
XYZ	18.4078, 14.1475, 66.0505
YIQ	99.1120, -57.5920, 30.5360

Conversions

Conversions Part 2

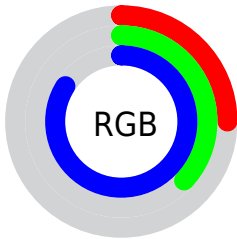
Format	Color
R _Y B	63, 89, 215
Decimal	4153303
CIE Lab	44.44, 28.75, -65.09
CIE LCh	44, 71.158, 293.831
Yxy	14.1475, 0.1867, 0.1435
Android (android.graphics.Color)	4282343383 (0xFF3F5FD7)
YUV	99.1120, 57.1328, -31.6702
Hunter-Lab	37.6131, 21.5348, -77.7870

Details

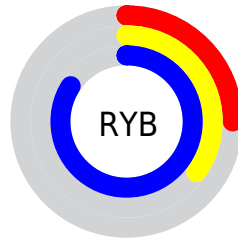
The Hex color **3F5FD7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **D7B73F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8091FF**, and **00329F** is the 20% darker color. If you saturate the color by 10%, you get **2A4ED7**, and if you desaturate by 10%, it is **5570D7**.

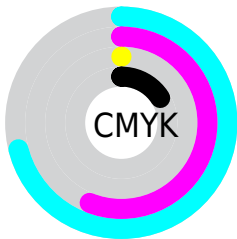
Distribution



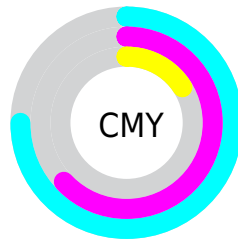
- Red (25%)
- Green (37%)
- Blue (84%)



- Red (25%)
- Yellow (35%)
- Blue (84%)



- Cyan (71%)
- Magenta (56%)
- Yellow (0%)
- Black (16%)



- Cyan (75%)
- Magenta (63%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5FD7 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 3F5FD7 by changing the saturation by 10% instead.

■ 3F5FD7

■ 3F5FD7

FFFFFF

■ 0948BB

■ 8091FF

■ 00329F

■ 9FABFF

■ 001E84

■ BDC7FF

■ 000A6A

■ DBE3FF

■ 000751

■ FAFFFF

■ 000539

■ 000223

■ 000009

■ 000000

■ 3F5FD7

■ 3F5FD7

■ 2A4ED7

■ 5570D7

■ 143DD7

■ 6A81D7

■ 002DD7

■ 7F92D7

■ 95A3D7

■ ABB4D7

■ C0C5D7

■ D6D6D7

■ EBE7D7

■ FFF8D7

Harmonies

Analogous

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



0075E0



3F5FD7



A23DB0

Triad

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



3F5FD7



B44600



00815B

Complementary

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



3F5FD7



D7B73F

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.



007D18



3F5FD7



8A6300

Square

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



3F5FD7



CC1F3E



527400



008298

Rectangle

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



3F5FD7



C0208C



527400



008046

Sweetspot

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



3F5FD7



C9D5FF



3FD7B6



606680



000000



808080

Same Dimension

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



3F5FD7



2654FF



6A3FD7



60636B



0024AB



00092B

Inverse Universe

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



D73F5F



FF2654



ACD73F



6B6063



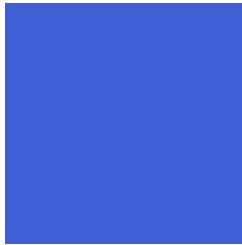
AB0024



2B0009

Previews

White Background



This preview shows how the Hex color 3F5FD7 looks on a white background.

Color Contrast Check

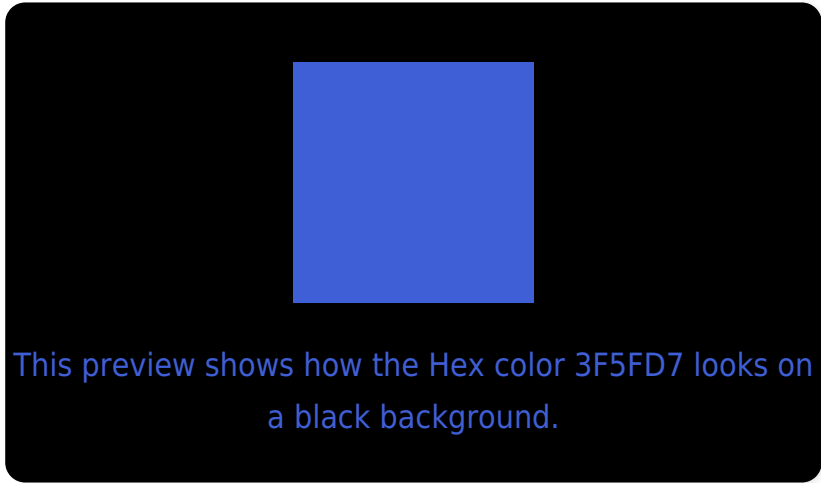
Large Text (above 18pt) WCAG AA ✓ Pass

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

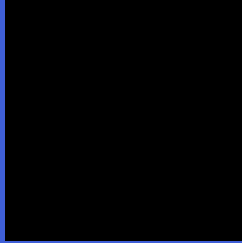
Any Text WCAG AA × Fail

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 3F5FD7 Background



This preview shows how black text looks on a background with the Hex color 3F5FD7.



This preview shows how white text looks on a background with the Hex color 3F5FD7.

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](#).

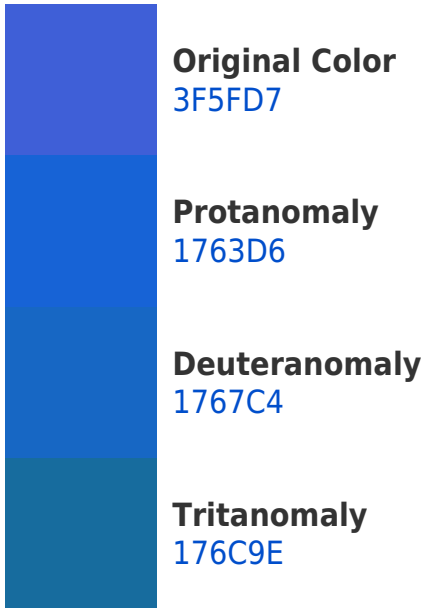
Dichromacy



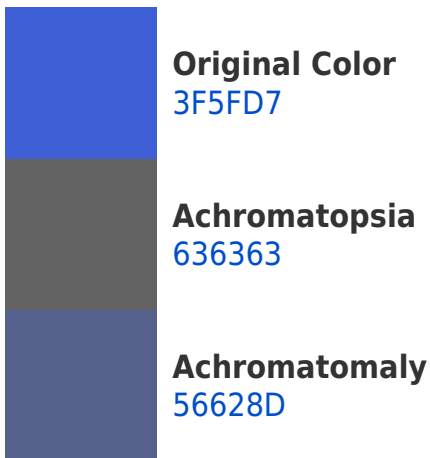


Tritanopia
00747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5FD7 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 #3F5FD7 looks like.

```
.text, #text, p{  
    color:#3F5FD7  
}
```

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 #3F5FD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5FD7
}
```

Border

The CSS property to change the border of an element to Hex 3F5FD7 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
#3F5FD7 }
```

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

```
.border{ border-color:#3F5FD7 }
```

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

Here you see how a box with a 4 pixel #3F5FD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5FD7; -webkit-box-shadow:4px 4px  
4px 4px #3F5FD7; box-shadow:4px 4px 4px  
4px #3F5FD7 }
```

Background

The CSS property to change the background color of an element to Hex 3F5FD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5FD7 }
```

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

```
.background{ background-color:#3F5FD7 }
```

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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