

Converting Colors

Hex(3643FD)

Have a look what the booklet for
Hex(3643FD) contains.

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Color

Hex(3643FD)

Conversions

Conversions Part 1

Format	Color
Hex	3643FD
RGB	54, 67, 253
RGB Percent	21%, 26%, 99%
CMY	0.7882, 0.7373, 0.0078
CMYK	0.79, 0.74, 0.00, 0.01
HSL	236°, 98%, 60%
HSV	236°, 79%, 99%
XYZ	21.2581, 11.8904, 94.1032
YIQ	84.3170, -67.4540, 55.0900

Conversions

Conversions Part 2

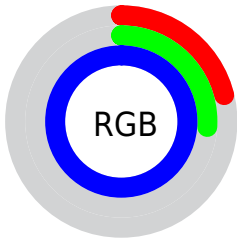
Format	Color
RYB	54, 66, 253
Decimal	3556349
CIELab	41.04, 57.64, -92.16
CIELCh	41, 108.699, 302.022
Yxy	11.8904, 0.1671, 0.0934
Android (android.graphics.Color)	4281746429 (0xFF3643FD)
YUV	84.3170, 83.1607, -26.5880
Hunter-Lab	34.4825, 49.6990, -137.6654

Details

The Hex color **3643FD** 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 **FD036**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8575FF**, and **0014C3** is the 20% darker color. If you saturate the color by 10%, you get **1D2BFD**, and if you desaturate by 10%, it is **4F5BFD**.

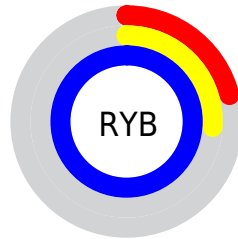
Distribution



Red (21%)

Green (26%)

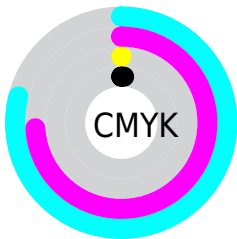
Blue (99%)



Red (21%)

Yellow (26%)

Blue (99%)

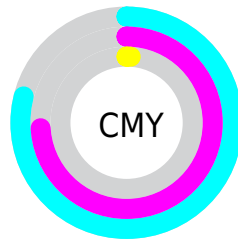


Cyan (79%)

Magenta (74%)

Yellow (0%)

Black (1%)



Cyan (79%)

Magenta (74%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3643FD 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 3643FD by changing the saturation by 10% instead.

 3643FD

 3643FD

FFFFFF

 002BE0

 8575FF

 0014C3

 A78FFF

 0000A7

 C7AFFF

 00008B

 E7C6FF

 000670

 FFE2FF

 000C57

 00063F

 000328

 000111

■ 3643FD

■ 3643FD

■ 1D2BFD

■ 4F5BFD

■ 0314FD

■ 6972FD

■ 0011FD

■ 828AFD

■ 9BA2FD

■ B5B9FD

■ CED1FD

■ E7E9FD

FFFFFD

Harmonies

Analogous

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



006FFF



3643FD



C800B7

Triad

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



3643FD



B53100



007E65

Complementary

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



3643FD



FDF036

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.



007B00



3643FD



716100

Square

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



3643FD



E30006



007400



0081BF

Rectangle

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



3643FD



E8007D



007400



007D45

Sweetspot

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



3643FD



C2C6FF



36FDF0



5B5D80



000000



808080

Same Dimension

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



3643FD



0F1FFF



8C36FD



737480



000CBF



000440

Inverse Universe

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



FD3643



FF0F1F



A7FD36



807374



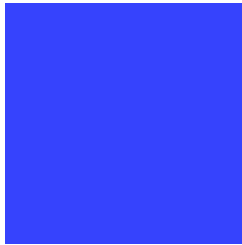
BF000C



400004

Previews

White Background



This preview shows how the Hex color 3643FD looks on a white background.

Color Contrast Check

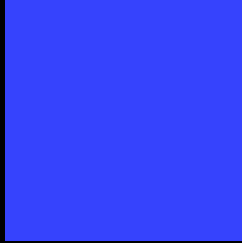
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3643FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

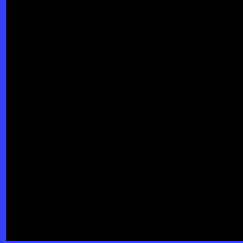
Any Text WCAG AA × Fail

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 3643FD Background



This preview shows how black text looks on a background with the Hex color 3643FD.

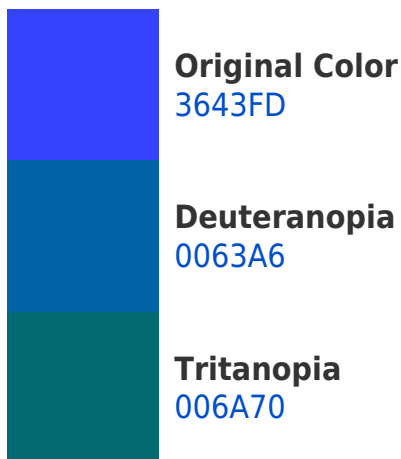


This preview shows how white text looks on a background with the Hex color 3643FD.

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
3643FD

Deuteranomaly
1457C6

Tritanomaly
145CA3

Monochromacy



Original Color
3643FD

Achromatopsia
545454

Achromatomaly
494E91

CSS Examples

Text

The CSS property to change the color of the text to Hex 3643FD 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 #3643FD looks like.

```
.text, #text, p{  
    color:#3643FD  
}
```

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 #3643FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3643FD
}
```

Border

The CSS property to change the border of an element to Hex 3643FD 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
#3643FD }
```

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

```
.border{ border-color:#3643FD }
```

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

Here you see how a box with a 4 pixel #3643FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3643FD; -webkit-box-shadow:4px 4px  
4px 4px #3643FD; box-shadow:4px 4px 4px  
4px #3643FD }
```

Background

The CSS property to change the background color of an element to Hex 3643FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3643FD }
```

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

```
.background{ background-color:#3643FD }
```

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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