

Converting Colors

Hex(3170FD)

Have a look what the booklet for
Hex(3170FD) contains.

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Color

Hex(3170FD)

Conversions

Conversions Part 1

Format	Color
Hex	3170FD
RGB	49, 112, 253
RGB Percent	19%, 44%, 99%
CMY	0.8078, 0.5608, 0.0078
CMYK	0.81, 0.56, 0.00, 0.01
HSL	221°, 98%, 59%
HSV	221°, 81%, 99%
XYZ	24.7904, 19.3332, 95.3536
YIQ	109.2370, -82.8090, 30.4950

Conversions

Conversions Part 2

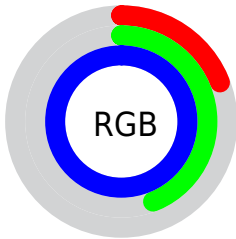
Format	Color
R_{YB}	49, 97, 253
Decimal	3240189
CIE _{Lab}	51.07, 30.35, -75.70
CIE _{LCh}	51, 81.557, 291.844
Yxy	19.3332, 0.1777, 0.1386
Android (android.graphics.Color)	4281430269 (0xFF3170FD)
YUV	109.2370, 70.8752, -52.8278
Hunter-Lab	43.9695, 23.6934, -97.7995

Details

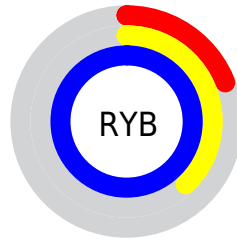
The Hex color **3170FD** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **FD8E31**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7FA3FF**, and **0042C3** is the 20% darker color. If you saturate the color by 10%, you get **185FFD**, and if you desaturate by 10%, it is **4A81FD**.

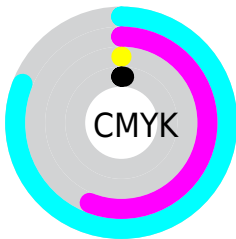
Distribution



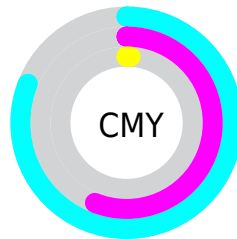
- Red (19%)
- Green (44%)
- Blue (99%)



- Red (19%)
- Yellow (38%)
- Blue (99%)



- Cyan (81%)
- Magenta (56%)
- Yellow (0%)
- Black (1%)





- Cyan (81%)
- Magenta (56%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3170FD 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 3170FD by changing the saturation by 10% instead.

 3170FD

 3170FD

FFFFFF

 0058E0

 7FA3FF

 0042C3

 A0BEFF

 002DA7

 C0DAFF

 001B8C

 DFF6FF

 000272

 000C58

 000740

 000329

 000113

■ 3170FD

■ 3170FD

■ 185FFD

■ 4A81FD

■ 004EFD

■ 6493FD

■ 7DA4FD

■ 96B6FD

■ B0C7FD

■ C9D9FD

■ E2EAFD

■ FBFCFD

FFFFFD

Harmonies

Analogous

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



0088FF



3170FD



B847D1

Triad

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



3170FD



D44D00



009564

Complementary

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



3170FD



FDBE31

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.



009010



3170FD



A47000

Square

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



3170FD



EE174B



638500



0097AC

Rectangle

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



3170FD



DD21A7



638500



00944B

Sweetspot

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



3170FD



C2D5FF



31FDBC



5B6680



000000



808080

Same Dimension

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



3170FD



0854FF



5631FD



737780



003BBF



001440

Inverse Universe

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



FD3170



FF0854



D8FD31



807377



BF003B



400014

Previews

White Background



This preview shows how the Hex color 3170FD looks on a white background.

Color Contrast Check

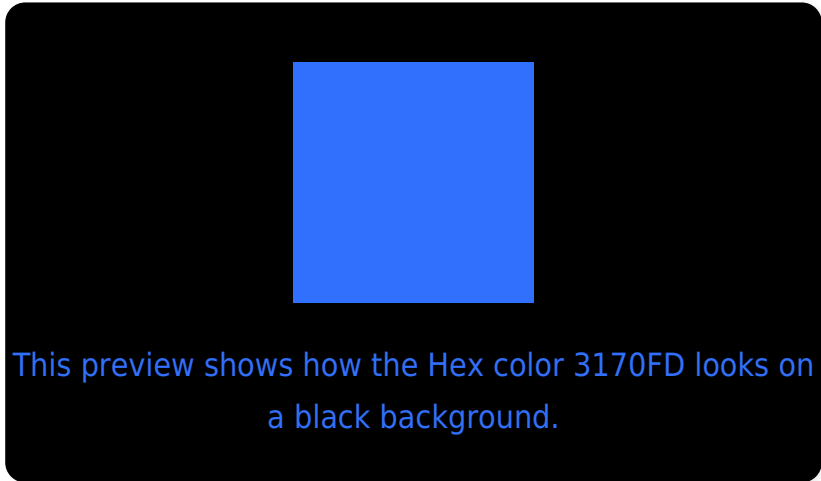
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

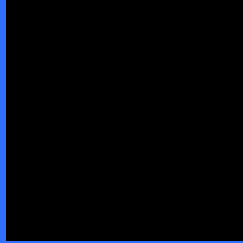
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

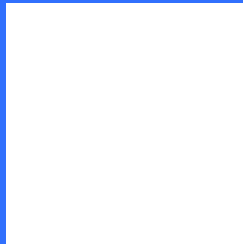
Any Text WCAG AAA × Fail

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

Hex 3170FD Background



This preview shows how black text looks on a background with the Hex color 3170FD.



This preview shows how white text looks on a background with the Hex color 3170FD.

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](#).

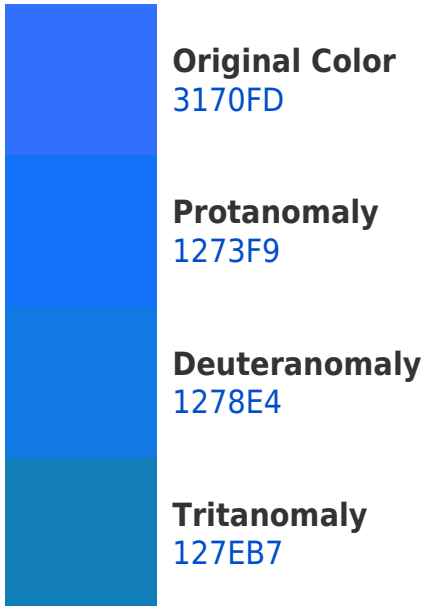
Dichromacy





Tritanopia
00868F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3170FD 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 #3170FD looks like.

```
.text, #text, p{  
    color:#3170FD  
}
```

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 #3170FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3170FD
}
```

Border

The CSS property to change the border of an element to Hex 3170FD 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
#3170FD }
```

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

```
.border{ border-color:#3170FD }
```

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

Here you see how a box with a 4 pixel #3170FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3170FD; -webkit-box-shadow:4px 4px  
4px 4px #3170FD; box-shadow:4px 4px 4px  
4px #3170FD }
```

Background

The CSS property to change the background color of an element to Hex 3170FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3170FD }
```

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

```
.background{ background-color:#3170FD }
```

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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