

Converting Colors

Hex(3A7FFD)

Have a look what the booklet for
Hex(3A7FFD) contains.

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Color

Hex(3A7FFD)

Conversions

Conversions Part 1

Format	Color
Hex	3A7FFD
RGB	58, 127, 253
RGB Percent	23%, 50%, 99%
CMY	0.7725, 0.5020, 0.0078
CMYK	0.77, 0.50, 0.00, 0.01
HSL	219°, 98%, 61%
HSV	219°, 77%, 99%
XYZ	27.0639, 23.1701, 95.9744
YIQ	120.7330, -81.5700, 24.5580

Conversions

Conversions Part 2

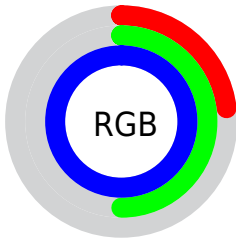
Format	Color
R _Y B	58, 109, 253
Decimal	3833853
CIE Lab	55.25, 21.84, -68.92
CIE LCh	55, 72.300, 287.585
Yxy	23.1701, 0.1851, 0.1585
Android (android.graphics.Color)	4282023933 (0xFF3A7FFD)
YUV	120.7330, 65.2076, -55.0168
Hunter-Lab	48.1354, 16.1240, -84.5202

Details

The Hex color **3A7FFD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **FDB83A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **84B3FF**, and **004FC3** is the 20% darker color. If you saturate the color by 10%, you get **216FFD**, and if you desaturate by 10%, it is **538FFD**.

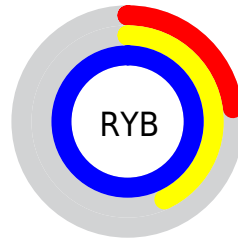
Distribution



Red (23%)

Green (50%)

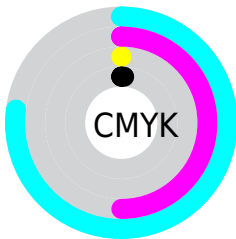
Blue (99%)



Red (23%)

Yellow (43%)

Blue (99%)

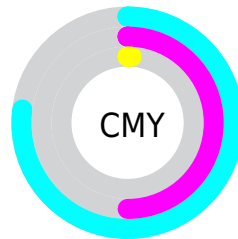


Cyan (77%)

Magenta (50%)

Yellow (0%)

Black (1%)



Cyan (77%)

Magenta (50%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A7FFD 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 3A7FFD by changing the saturation by 10% instead.

■ 3A7FFD

■ 3A7FFD

FFFFFF

■ 0066E0

■ 84B3FF

■ 004FC3

■ A4CEFF

■ 0039A8

■ C3EAFF

■ 00258C

■ E2FFFF

■ 001472

■ 000C59

■ 000740

■ 000329

■ 000113

■ 3A7FFD

■ 3A7FFD

■ 216FFD

■ 538FFD

■ 075EFD

■ 6DA0FD

■ 005AFD

■ 86B0FD

■ 9FC0FD

■ B9D1FD

■ D2E1FD

■ EBF1FD

FFFFFD

Harmonies

Analogous

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



0093FF



3A7FFD



B460DA

Triad

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



3A7FFD



DE5B27



009E67

Complementary

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



3A7FFD



FDB83A

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.



259925



3A7FFD



B57800

Square

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



3A7FFD



F23E63



7D8D00



00A0A9

Rectangle

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



3A7FFD



DA4AB5



7D8D00



009D51

Sweetspot

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



3A7FFD



C4D9FF



3AFDB6



5C6880



000000



808080

Same Dimension

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



3A7FFD



1467FF



543AFD



737780



0044BF



001740

Inverse Universe

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



FD3A7F



FF1467



E3FD3A



807377



BF0044



400017

Previews

White Background



This preview shows how the Hex color 3A7FFD looks on a white background.

Color Contrast Check

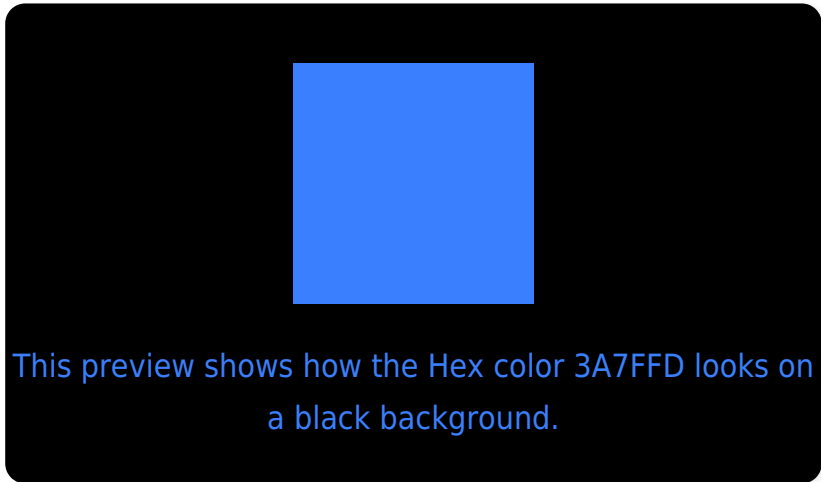
Large Text (above 18pt) WCAG AA ✓ Pass

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

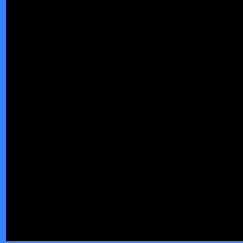
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

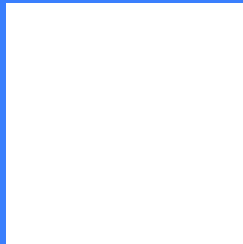
Any Text WCAG AAA × Fail

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

Hex 3A7FFD Background



This preview shows how black text looks on a background with the Hex color 3A7FFD.



This preview shows how white text looks on a background with the Hex color 3A7FFD.

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](#).

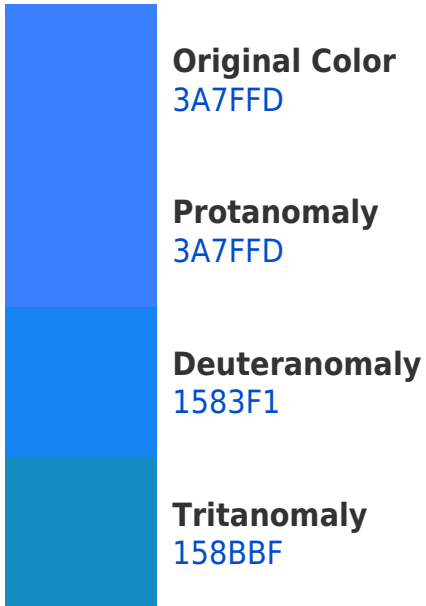
Dichromacy





Tritanopia
00929C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A7FFD 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 #3A7FFD looks like.

```
.text, #text, p{  
    color:#3A7FFD  
}
```

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 #3A7FFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7FFD
}
```

Border

The CSS property to change the border of an element to Hex 3A7FFD 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
#3A7FFD }
```

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

```
.border{ border-color:#3A7FFD }
```

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

Here you see how a box with a 4 pixel #3A7FFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7FFD; -webkit-box-shadow:4px 4px  
4px 4px #3A7FFD; box-shadow:4px 4px 4px  
4px #3A7FFD }
```

Background

The CSS property to change the background color of an element to Hex 3A7FFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7FFD }
```

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

```
.background{ background-color:#3A7FFD }
```

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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