

Converting Colors

Hex(3A4FF6)

Have a look what the booklet for
Hex(3A4FF6) contains.

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Color

Hex(3A4FF6)

Conversions

Conversions Part 1

Format	Color
Hex	3A4FF6
RGB	58, 79, 246
RGB Percent	23%, 31%, 96%
CMY	0.7725, 0.6902, 0.0353
CMYK	0.76, 0.68, 0.00, 0.04
HSL	233°, 91%, 60%
HSV	233°, 76%, 96%
XYZ	21.1755, 13.1453, 88.6100
YIQ	91.7590, -66.1230, 47.4850

Conversions

Conversions Part 2

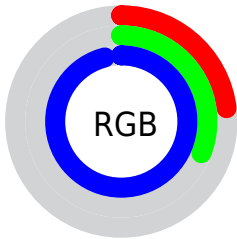
Format	Color
R _Y B	58, 77, 246
Decimal	3821558
CIE Lab	42.98, 48.88, -85.03
CIE LCh	43, 98.082, 299.892
Yxy	13.1453, 0.1723, 0.1069
Android (android.graphics.Color)	4282011638 (0xFF3A4FF6)
YUV	91.7590, 76.0408, -29.6066
Hunter-Lab	36.2565, 40.8034, -119.5239

Details

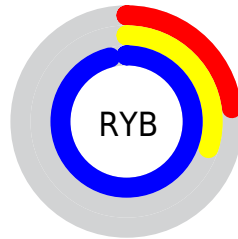
The Hex color **3A4FF6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **F6E13A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8581FF**, and **0022BC** is the 20% darker color. If you saturate the color by 10%, you get **2139F6**, and if you desaturate by 10%, it is **5365F6**.

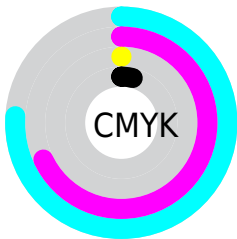
Distribution



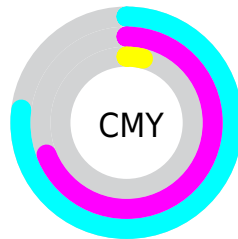
- Red (23%)
- Green (31%)
- Blue (96%)



- Red (23%)
- Yellow (30%)
- Blue (96%)



- Cyan (76%)
- Magenta (68%)
- Yellow (0%)
- Black (4%)



- Cyan (77%)
- Magenta (69%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4FF6 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 3A4FF6 by changing the saturation by 10% instead.

 3A4FF6

 3A4FF6

FFFFFF

 0038D9

 8581FF

 0022BC

 A59BFF

 000EA0

 C5B6FF

 000085

 E5D2FF

 00046B

 FFEEFF

 000B51

 000539

 000223

 00000A

■ 3A4FF6

■ 3A4FF6

■ 2139F6

■ 5365F6

■ 0923F6

■ 6B7BF6

■ 001BF6

■ 8491F6

■ 9CA6F6

■ B5BCF6

■ CED2F6

■ E6E8F6

■ FFFE6

■ FFFFF6

Harmonies

Analogous

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



0073FF



3A4FF6



C000B9

Triad

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



3A4FF6



B93900



008263

Complementary

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



3A4FF6



F6E13A

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.



007F00



3A4FF6



7D6300

Square

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



3A4FF6



E1001B



1C7600



0084B6

Rectangle

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



3A4FF6



E00085



1C7600



008146

Sweetspot

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



3A4FF6



C4CBFF



3AF6E0



5C6080



000000



808080

Same Dimension

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



3A4FF6



142FFF



823AF6



6E707A



0015BA



00073B

Inverse Universe

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



F63A4F



FF142F



AEF63A



7A6E70



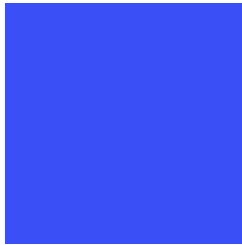
BA0015



3B0007

Previews

White Background



This preview shows how the Hex color 3A4FF6 looks on a white background.

Color Contrast Check

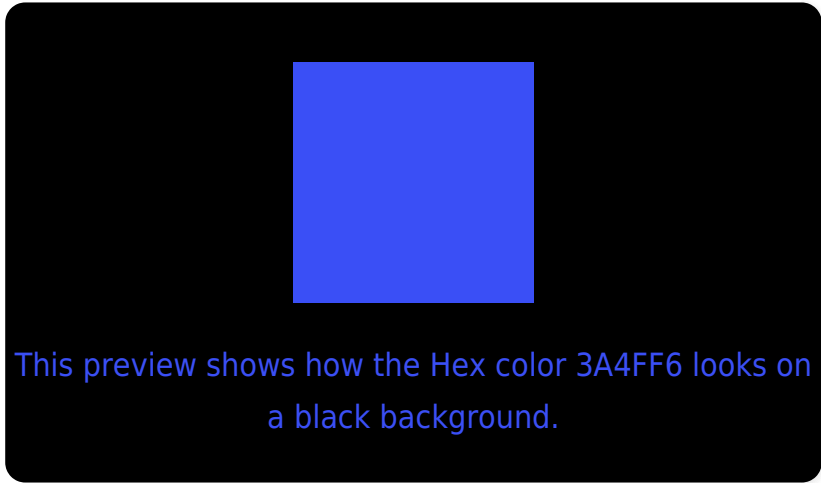
Large Text (above 18pt) WCAG AA ✓ Pass

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

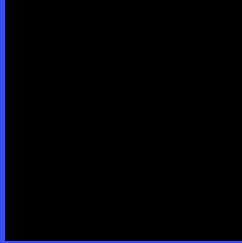
Any Text WCAG AA × Fail

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 3A4FF6 Background



This preview shows how black text looks on a background with the Hex color 3A4FF6.

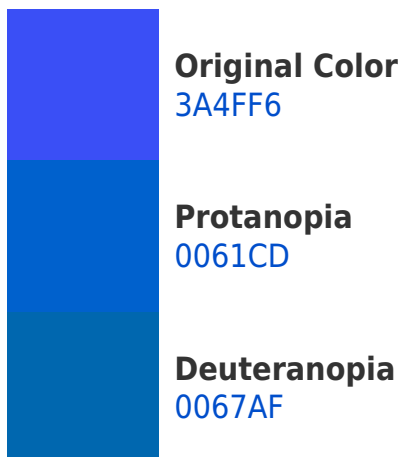


This preview shows how white text looks on a background with the Hex color 3A4FF6.

Color Blindness Simulation

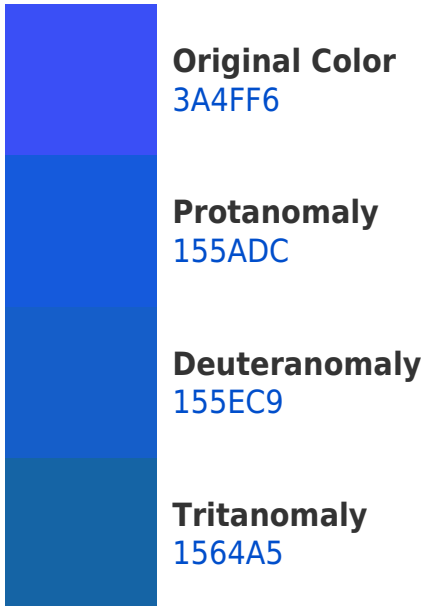
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

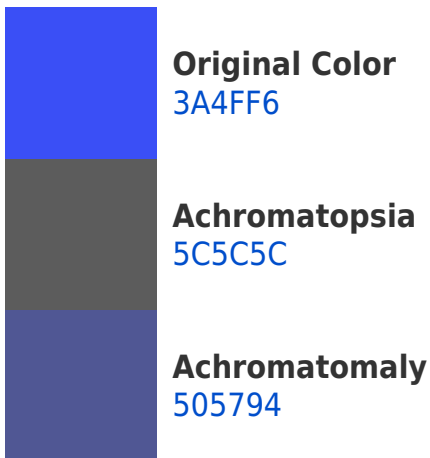




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4FF6 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 #3A4FF6 looks like.

```
.text, #text, p{  
    color:#3A4FF6  
}
```

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 #3A4FF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4FF6
}
```

Border

The CSS property to change the border of an element to Hex 3A4FF6 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
#3A4FF6 }
```

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

```
.border{ border-color:#3A4FF6 }
```

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

Here you see how a box with a 4 pixel #3A4FF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4FF6; -webkit-box-shadow:4px 4px  
4px 4px #3A4FF6; box-shadow:4px 4px 4px  
4px #3A4FF6 }
```

Background

The CSS property to change the background color of an element to Hex 3A4FF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4FF6 }
```

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

```
.background{ background-color:#3A4FF6 }
```

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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