

Converting Colors

Hex(3406F3)

Have a look what the booklet for
Hex(3406F3) contains.

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Color

Hex(3406F3)

Conversions

Conversions Part 1

Format	Color
Hex	3406F3
RGB	52, 6, 243
RGB Percent	20%, 2%, 95%
CMY	0.7961, 0.9765, 0.0471
CMYK	0.79, 0.98, 0.00, 0.05
HSL	252°, 95%, 49%
HSV	252°, 98%, 95%
XYZ	17.6590, 7.3314, 85.2784
YIQ	46.7720, -48.6610, 83.4590

Conversions

Conversions Part 2

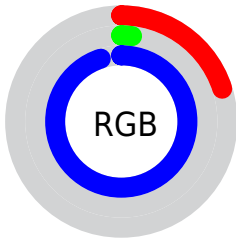
Format	Color
R_{YB}	52, 6, 243
Decimal	3409651
CIE Lab	32.55, 76.04, -100.65
CIE LCh	33, 126.145, 307.071
Yxy	7.3314, 0.1601, 0.0665
Android (android.graphics.Color)	4281599731 (0xFF3406F3)
YUV	46.7720, 96.7404, 4.5850
Hunter-Lab	27.0765, 69.0315, -167.7822

Details

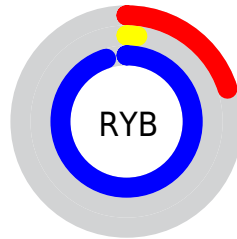
The Hex color **3406F3** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **C5F306**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **854AFF**, and **0000B9** is the 20% darker color. If you saturate the color by 10%, you get **2F00F3**, and if you desaturate by 10%, it is **481EF3**.

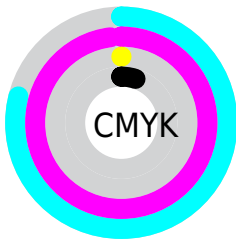
Distribution



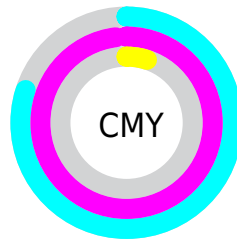
- Red (20%)
- Green (2%)
- Blue (95%)



- Red (20%)
- Yellow (2%)
- Blue (95%)



- Cyan (79%)
- Magenta (98%)
- Yellow (0%)
- Black (5%)



- Cyan (80%)
- Magenta (98%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3406F3 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 3406F3 by changing the saturation by 10% instead.

 3406F3

 3406F3

FFFFFF

 0000D6

 854AFF

 0000B9

 A766FF

 00009D

 C881FF

 000082

 E89DFF

 001067

 FFB9FF

 000A4E

 FFD6FF

 000536

 FFF3FF

 000220

 000004

■ 3406F3

■ 3406F3

■ 2F00F3

■ 481EF3

■ 5B37F3

■ 6F4FF3

■ 8267F3

■ 9680F3

■ AA98F3

■ BDB0F3

■ D1C8F3

■ E4E1F3

Harmonies

Analogous

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



005BFF



3406F3



C8009D

Triad

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



3406F3



981A00



006863

Complementary

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



3406F3



C5F306

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.



006600



3406F3



495200

Square

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



3406F3



CF0000



006100



006CC7

Rectangle

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



3406F3



E3005C



006100



006740

Sweetspot

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



3406F3



C3B5FF



06C8F3



5C5380



000000



808080

Same Dimension

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



3406F3



3100FF



A806F3



716E7A



2400BA



0B003B

Inverse Universe

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



F306C5



FF00CE



51F306



7A6E78



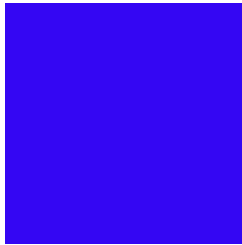
BA0096



3B002F

Previews

White Background



This preview shows how the Hex color 3406F3 looks on a white background.

Color Contrast Check

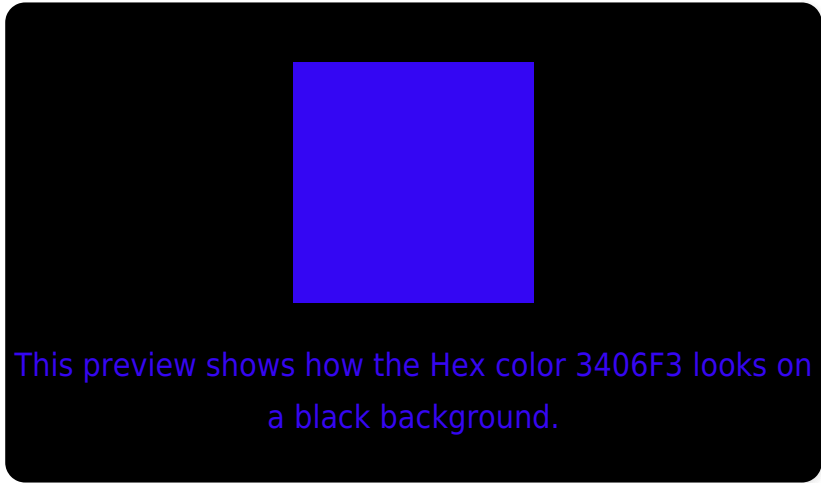
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

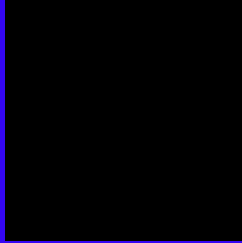
Any Text WCAG AA × Fail

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 3406F3 Background



This preview shows how black text looks on a background with the Hex color 3406F3.



This preview shows how white text looks on a background with the Hex color 3406F3.

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



Original Color
3406F3

Protanopia
004A9C

Deuteranopia
004F84



Tritanopia
00565A

Trichromacy



Original Color
3406F3

Protanomaly
1331BC

Deuteranomaly
1334AC

Tritanomaly
133992

Monochromacy



Original Color
3406F3

Achromatopsia
2F2F2F

Achromatomaly
312076

CSS Examples

Text

The CSS property to change the color of the text to Hex 3406F3 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 #3406F3 looks like.

```
.text, #text, p{  
    color:#3406F3  
}
```

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 #3406F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3406F3
}
```

Border

The CSS property to change the border of an element to Hex 3406F3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

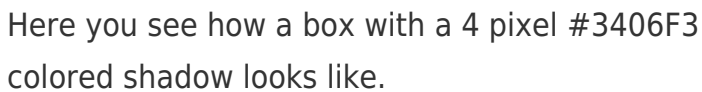
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3406F3 }
```

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

```
.border{ border-color:#3406F3 }
```

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



Here you see how a box with a 4 pixel #3406F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3406F3; -webkit-box-shadow:4px 4px  
4px 4px #3406F3; box-shadow:4px 4px 4px  
4px #3406F3 }
```

Background

The CSS property to change the background color of an element to Hex 3406F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3406F3 }
```

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

```
.background{ background-color:#3406F3 }
```

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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