

Converting Colors

Hex(3387FF)

Have a look what the booklet for
Hex(3387FF) contains.

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Color

Hex(3387FF)

Conversions

Conversions Part 1

Format	Color
Hex	3387FF
RGB	51, 135, 255
RGB Percent	20%, 53%, 100%
CMY	0.8000, 0.4706, 0.0000
CMYK	0.80, 0.47, 0.00, 0.00
HSL	215°, 100%, 60%
HSV	215°, 80%, 100%
XYZ	28.0792, 25.2518, 98.0019
YIQ	123.5640, -88.5840, 19.5120

Conversions

Conversions Part 2

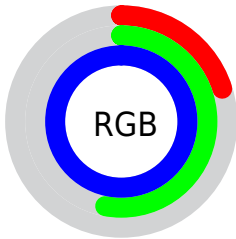
Format	Color
R _Y B	51, 111, 255
Decimal	3377151
CIE Lab	57.32, 16.97, -66.69
CIE LCh	57, 68.815, 284.278
Yxy	25.2518, 0.1855, 0.1669
Android (android.graphics.Color)	4281567231 (0xFF3387FF)
YUV	123.5640, 64.7979, -63.6386
Hunter-Lab	50.2511, 11.8024, -80.4541

Details

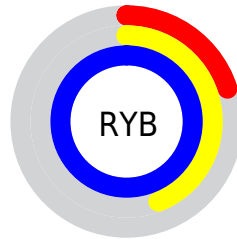
The Hex color **3387FF** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **FFAB33**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **80BCFF**, and **0056C5** is the 20% darker color. If you saturate the color by 10%, you get **1978FF**, and if you desaturate by 10%, it is **4D96FF**.

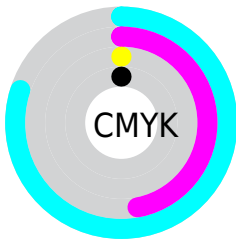
Distribution



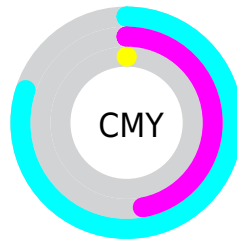
- Red (20%)
- Green (53%)
- Blue (100%)



- Red (20%)
- Yellow (44%)
- Blue (100%)



- Cyan (80%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3387FF 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 3387FF by changing the saturation by 10% instead.

 3387FF

 3387FF

FFFFFF

 006EE2

 80BCFF

 0056C5

 A0D7FF

 0040AA

 C0F3FF

 002C8E

 DFFFFF

 001A74

 00095B

 000742

 00032B

 000115

■ 3387FF

■ 3387FF

■ 1978FF

■ 4D96FF

■ 0069FF

■ 66A5FF

■ 80B4FF

■ 99C3FF

■ B3D2FF

■ CCE1FF

■ E6F0FF

FFFFFF

Harmonies

Analogous

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



0099FE



3387FF



B06CE0

Triad

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



3387FF



E56037



00A367

Complementary

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



3387FF



FFAB33

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.



429C2A



3387FF



BF7B00

Square

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



3387FF



F44A70



8B9000



00A5A6

Rectangle

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



3387FF



D858BF



8B9000



00A152

Sweetspot

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



3387FF



C2DBFF



33FFAA



5B6A80



000000



808080

Same Dimension

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



3387FF



0A6FFF



4433FF



737880



004FBF



001A40

Inverse Universe

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



FF3387



FF0A6F



EEFF33



807378



BF004F



40001A

Previews

White Background



This preview shows how the Hex color 3387FF looks on a white background.

Color Contrast Check

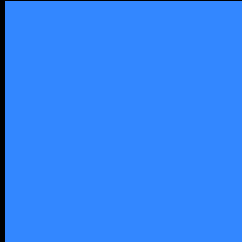
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3387FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

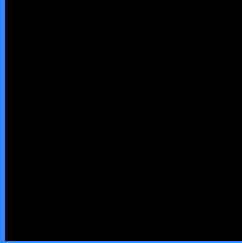
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

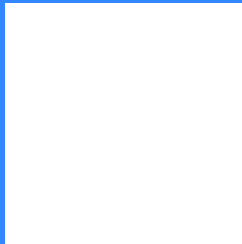
Any Text WCAG AAA × Fail

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

Hex 3387FF Background



This preview shows how black text looks on a background with the Hex color 3387FF.



This preview shows how white text looks on a background with the Hex color 3387FF.

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](#).

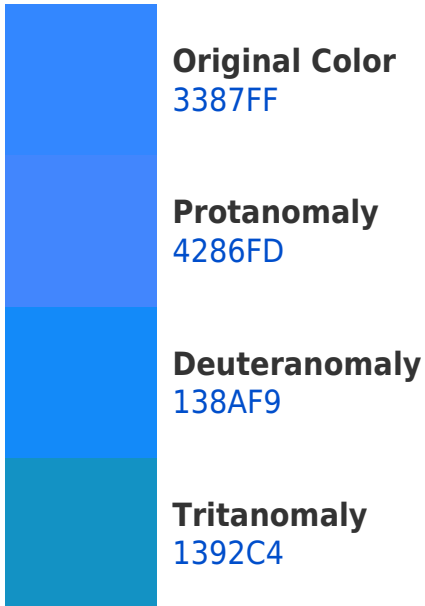
Dichromacy



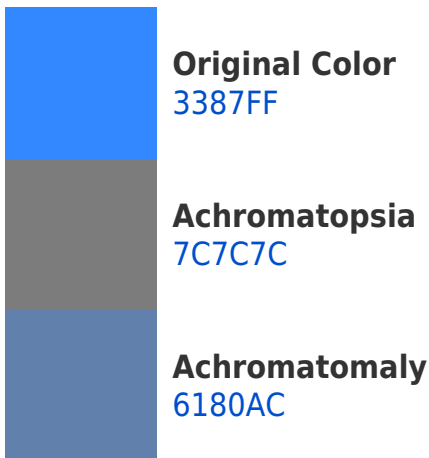


Tritanopia
0098A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3387FF 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 #3387FF looks like.

```
.text, #text, p{  
    color:#3387FF  
}
```

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 #3387FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3387FF
}
```

Border

The CSS property to change the border of an element to Hex 3387FF 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
#3387FF }
```

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

```
.border{ border-color:#3387FF }
```

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

Here you see how a box with a 4 pixel #3387FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3387FF; -webkit-box-shadow:4px 4px  
4px 4px #3387FF; box-shadow:4px 4px 4px  
4px #3387FF }
```

Background

The CSS property to change the background color of an element to Hex 3387FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3387FF }
```

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

```
.background{ background-color:#3387FF }
```

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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