

# Converting Colors

Hex(0387FE)

Have a look what the booklet for  
Hex(0387FE) contains.

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**Color**

**Hex(0387FE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0387FE
RGB	3, 135, 254
RGB Percent	1%, 53%, 100%
CMY	0.9882, 0.4706, 0.0039
CMYK	0.99, 0.47, 0.00, 0.00
HSL	208°, 99%, 50%
HSV	208°, 99%, 100%
XYZ	26.5909, 24.5031, 97.0940
YIQ	109.0980, -116.8710, 9.0250

# Conversions

## Conversions Part 2

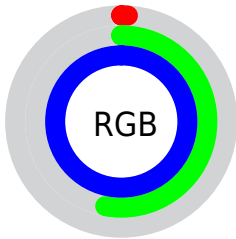
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	3, 90, 254
Decimal	231422
CIE Lab	56.59, 14.14, -67.35
CIE LCh	57, 68.820, 281.853
Yxy	24.5031, 0.1794, 0.1654
Android (android.graphics.Color)	4278421502 (0xFF0387FE)
YUV	109.0980, 71.4367, -93.0479
Hunter-Lab	49.5006, 9.2614, -81.6453

# Details

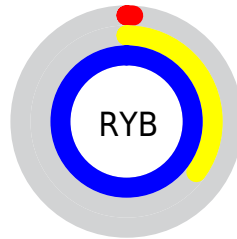
The Hex color **0387FE** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **FE7A03**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **70BCFF**, and **0057C4** is the 20% darker color. If you saturate the color by 10%, you get **0086FE**, and if you desaturate by 10%, it is **1C93FE**.

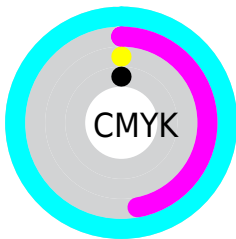
# Distribution



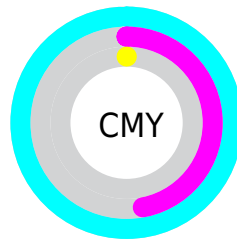
- Red (1%)
- Green (53%)
- Blue (100%)



- Red (1%)
- Yellow (35%)
- Blue (100%)



- Cyan (99%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (99%)
- Magenta (47%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0387FE 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 0387FE by changing the saturation by 10% instead.



 0387FE

 0387FE

FFFFFF

 006EE1

 70BCFF

 0057C4

 92D7FF

 0040A9

 B3F3FF

 002C8D

 D3FFFF

 001A73

 F3FFFF

 000D5A

 000741

 00032A

 000114

■ 0387FE

■ 0387FE

■ 0086FE

■ 1C93FE

■ 369FFE

■ 4FABFE

■ 69B7FE

■ 82C3FE

■ 9BCFFE

■ B5DBFE

■ CEE7FE

■ E8F3FE

# Harmonies

## Analogous

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



0099FA



0387FE



A76CE2

# Triad

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



0387FE



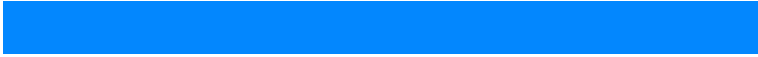
E45C3A



00A160

# Complementary

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



0387FE



FE7A03

# 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.



489A22



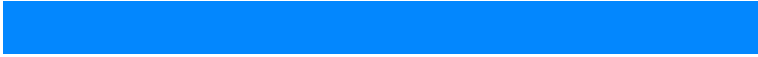
0387FE



C07700

# Square

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



0387FE



F24773



8D8C00



00A39F

# Rectangle

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



0387FE



D258C1



8D8C00



009F4C

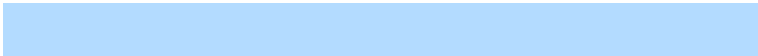


# Sweetspot

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



0387FE



B3DBFF



03FE78



526A80



000000



808080



# Same Dimension

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



0387FE



0086FF



030BFE



737980



0065BF



002240



# Inverse Universe

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



FE0387



FF0086



FEF603



807379



BF0065



400022



# Previews

## White Background



This preview shows how the Hex color 0387FE looks on a white background.

## Color Contrast Check

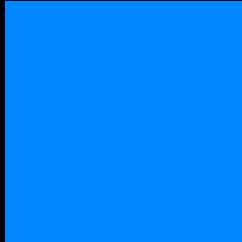
Large Text (above 18pt) WCAG AA ✓ Pass

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 0387FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

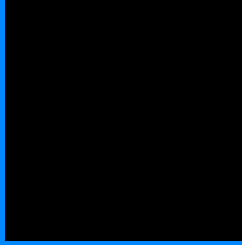
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

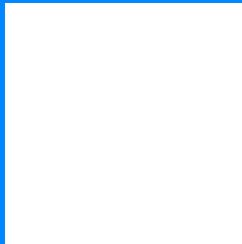
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0387FE Background



This preview shows how black text looks on a background with the Hex color 0387FE.



This preview shows how white text looks on a background with the Hex color 0387FE.

# 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



**Original Color**  
0387FE

**Protanomaly**  
3084FB

**Deuteranomaly**  
0189F6

# Monochromacy



**Original Color**  
0387FE

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
4676A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0387FE 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 #0387FE looks like.

```
.text, #text, p{  
    color:#0387FE  
}
```

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 #0387FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0387FE
}
```

## Border

The CSS property to change the border of an element to Hex 0387FE 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
#0387FE }
```

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

```
.border{ border-color:#0387FE }
```

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

Here you see how a box with a 4 pixel #0387FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0387FE; -webkit-box-shadow:4px 4px  
4px 4px #0387FE; box-shadow:4px 4px 4px  
4px #0387FE }
```

# Background

The CSS property to change the background color of an element to Hex 0387FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0387FE }
```

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

```
.background{ background-color:#0387FE }
```

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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