

Converting Colors

Hex(3950FE)

Have a look what the booklet for
Hex(3950FE) contains.

Hex(3950FE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(3950FE)

Conversions

Conversions Part 1

Format	Color
Hex	3950FE
RGB	57, 80, 254
RGB Percent	22%, 31%, 100%
CMY	0.7765, 0.6863, 0.0039
CMYK	0.78, 0.69, 0.00, 0.00
HSL	233°, 99%, 61%
HSV	233°, 78%, 100%
XYZ	22.4454, 13.7629, 95.2394
YIQ	92.9590, -69.5620, 49.2380

Conversions

Conversions Part 2

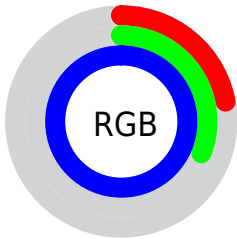
Format	Color
RYB	57, 78, 254
Decimal	3756286
CIELab	43.89, 50.90, -88.01
CIELCh	44, 101.670, 300.044
Yxy	13.7629, 0.1708, 0.1047
Android (android.graphics.Color)	4281946366 (0xFF3950FE)
YUV	92.9590, 79.3932, -31.5360
Hunter-Lab	37.0984, 43.0743, -126.2409

Details

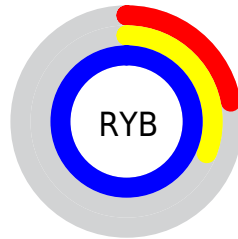
The Hex color **3950FE** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **FEE739**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8682FF**, and **0023C4** is the 20% darker color. If you saturate the color by 10%, you get **203AFE**, and if you desaturate by 10%, it is **5266FE**.

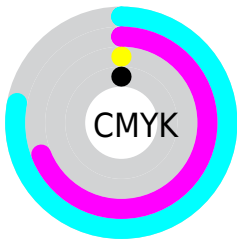
Distribution



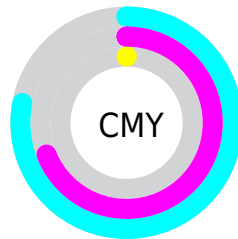
- Red (22%)
- Green (31%)
- Blue (100%)



- Red (22%)
- Yellow (31%)
- Blue (100%)



- Cyan (78%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3950FE 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 3950FE by changing the saturation by 10% instead.

 3950FE

 3950FE

FFFFFF

 0039E1

 8682FF

 0023C4

 A79CFF

 000FA8

 C7B7FF

 00008C

 E7D3FF

 000272

 FFF0FF

 000C58

 000740

 000329

 000113

■ 3950FE

■ 3950FE

■ 203AFE

■ 5266FE

■ 0623FE

■ 6C7DFE

■ 001EFE

■ 8593FE

■ 9FAAFE

■ B8C0FE

■ D1D7FE

■ EBEDFE

FFFFFFE

Harmonies

Analogous

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



0076FF



3950FE



C600BE

Triad

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



3950FE



BE3900



008566

Complementary

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



3950FE



FEE739

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.



008200



3950FE



7F6600

Square

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



3950FE



E7001A



167900



0087BC

Rectangle

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



3950FE



E70088



167900



008548

Sweetspot

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



3950FE



C4CBFF



39FEE4



5C6080



000000



808080

Same Dimension

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



3950FE



122EFF



8139FE



737480



0016BF



000740

Inverse Universe

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



FE3950



FF122E



B6FE39



807374



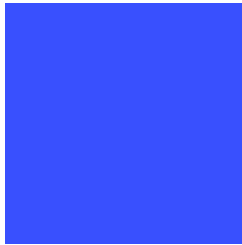
BF0016



400007

Previews

White Background



This preview shows how the Hex color 3950FE looks on a white background.

Color Contrast Check

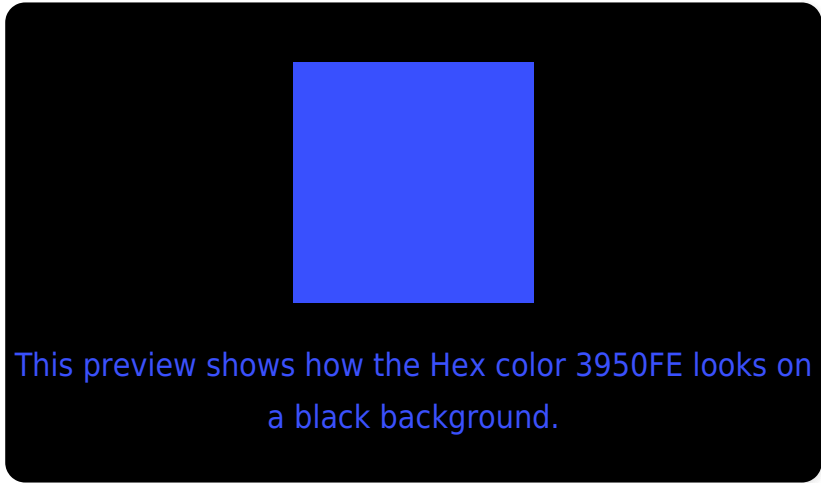
Large Text (above 18pt) WCAG AA ✓ Pass

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

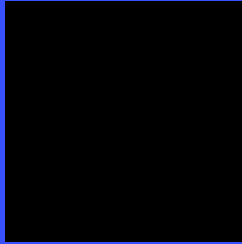
Any Text WCAG AA × Fail

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 3950FE Background



This preview shows how black text looks on a background with the Hex color 3950FE.



This preview shows how white text looks on a background with the Hex color 3950FE.

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
3950FE

Protanomaly
155CE1

Tritanomaly
1566A9

Monochromacy



Original Color
3950FE

Achromatopsia
5D5D5D

Achromatomaly
505898

CSS Examples

Text

The CSS property to change the color of the text to Hex 3950FE 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 #3950FE looks like.

```
.text, #text, p{  
    color:#3950FE  
}
```

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 #3950FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3950FE
}
```

Border

The CSS property to change the border of an element to Hex 3950FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

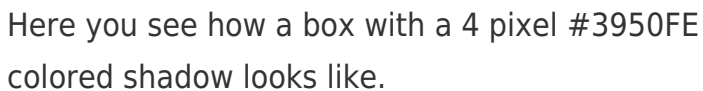
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3950FE }
```

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

```
.border{ border-color:#3950FE }
```

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



Here you see how a box with a 4 pixel #3950FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3950FE; -webkit-box-shadow:4px 4px  
4px 4px #3950FE; box-shadow:4px 4px 4px  
4px #3950FE }
```

Background

The CSS property to change the background color of an element to Hex 3950FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3950FE }
```

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

```
.background{ background-color:#3950FE }
```

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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