

Converting Colors

Hex(3E8DFF)

Have a look what the booklet for
Hex(3E8DFF) contains.

Hex(3E8DFF)	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>	29

Color

Hex(3E8DFF)

Conversions

Conversions Part 1

Format	Color
Hex	3E8DFF
RGB	62, 141, 255
RGB Percent	24%, 55%, 100%
CMY	0.7569, 0.4471, 0.0000
CMYK	0.76, 0.45, 0.00, 0.00
HSL	215°, 100%, 62%
HSV	215°, 76%, 100%
XYZ	29.5615, 27.2939, 98.3179
YIQ	130.3750, -83.6780, 18.7060

Conversions

Conversions Part 2

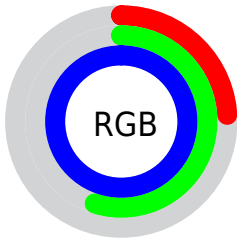
Format	Color
R _{YB}	62, 118, 255
Decimal	4099583
CIE Lab	59.25, 14.43, -63.58
CIE LCh	59, 65.194, 282.790
Yxy	27.2939, 0.1905, 0.1759
Android (android.graphics.Color)	4282289663 (0xFF3E8DFF)
YUV	130.3750, 61.4401, -59.9649
Hunter-Lab	52.2436, 9.5762, -75.0083

Details

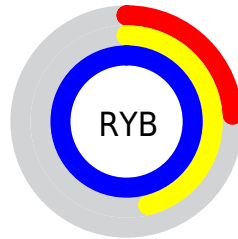
The Hex color **3E8DFF** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **FFB03E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **86C2FF**, and **005CC5** is the 20% darker color. If you saturate the color by 10%, you get **247EFF**, and if you desaturate by 10%, it is **589CFF**.

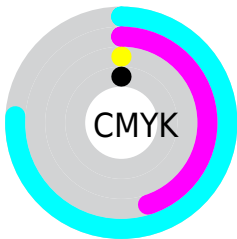
Distribution



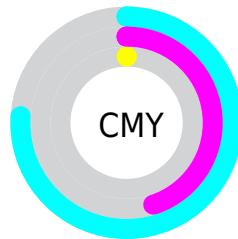
- Red (24%)
- Green (55%)
- Blue (100%)



- Red (24%)
- Yellow (46%)
- Blue (100%)



- Cyan (76%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8DFF 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 3E8DFF by changing the saturation by 10% instead.

 3E8DFF

 3E8DFF

FFFFFF

 0074E2

 86C2FF

 005CC5

 A6DEFF

 0045AA

 C5FAFF

 00308F

 E4FFFF

 001D74

 00055B

 000742

 00032B

 000116

 3E8DFF

 3E8DFF

 247EFF

 589CFF

 0B6FFF

 71ABFF

 0068FF

 8BBAFF

 A4C9FF

 BED8FF

 D7E7FF

 F1F6FF

FFFFFF

Harmonies

Analogous

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



009EFC



3E8DFF



B074E3

Triad

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



3E8DFF



E86743



00A76B

Complementary

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



3E8DFF



FFB03E

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.



52A033



3E8DFF



C58011

Square

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



3E8DFF



F55579



949400



00A9A6

Rectangle

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



3E8DFF



D762C4



949400



00A557

Sweetspot

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



3E8DFF



C4DCFF



3EFFAF



5C6A80



000000



808080

Same Dimension

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



3E8DFF



1776FF



4E3EFF



737880



004EBF



001A40

Inverse Universe

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



FF3E8D



FF1776



FFFF3E



807378



BF004E



40001A

Previews

White Background



This preview shows how the Hex color 3E8DFF looks on a white background.

Color Contrast Check

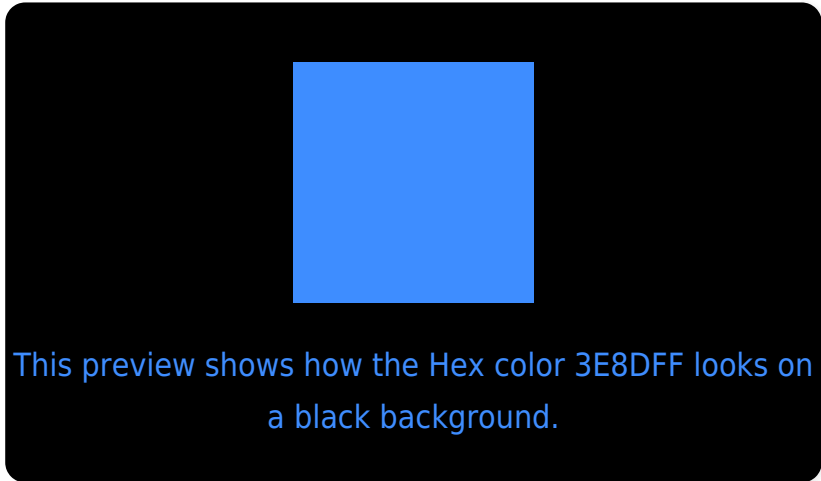
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

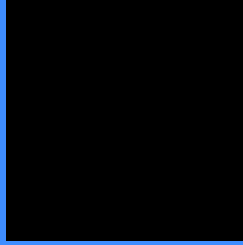
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

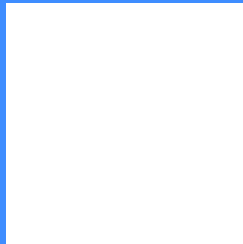
Any Text WCAG AAA × Fail

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

Hex 3E8DFF Background



This preview shows how black text looks on a background with the Hex color 3E8DFF.



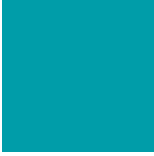
This preview shows how white text looks on a background with the Hex color 3E8DFF.

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](#).

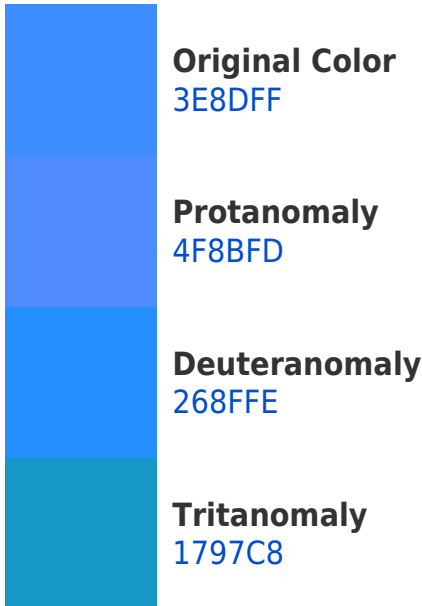
Dichromacy





Tritanopia
009DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8DFF 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 #3E8DFF looks like.

```
.text, #text, p{  
    color:#3E8DFF  
}
```

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 #3E8DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8DFF
}
```

Border

The CSS property to change the border of an element to Hex 3E8DFF 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
#3E8DFF }
```

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

```
.border{ border-color:#3E8DFF }
```

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

Here you see how a box with a 4 pixel #3E8DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8DFF; -webkit-box-shadow:4px 4px  
4px 4px #3E8DFF; box-shadow:4px 4px 4px  
4px #3E8DFF }
```

Background

The CSS property to change the background color of an element to Hex 3E8DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8DFF }
```

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

```
.background{ background-color:#3E8DFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor