

Converting Colors

Hex(40EBFD)

Have a look what the booklet for
Hex(40EBFD) contains.

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Color

Hex(40EBFD)

Conversions

Conversions Part 1

Format	Color
Hex	40EBFD
RGB	64, 235, 253
RGB Percent	25%, 92%, 99%
CMY	0.7490, 0.0784, 0.0078
CMYK	0.75, 0.07, 0.00, 0.01
HSL	186°, 98%, 62%
HSV	186°, 75%, 99%
XYZ	49.5523, 67.5985, 103.3646
YIQ	185.9230, -107.6940, -30.6540

Conversions

Conversions Part 2

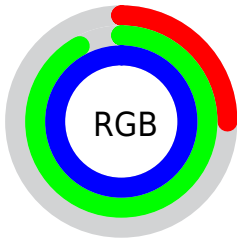
Format	Color
R _{YB}	64, 154, 253
Decimal	4254717
CIE _{Lab}	85.81, -36.40, -21.04
CIE _{LCh}	86, 42.039, 210.026
Y _{xy}	67.5985, 0.2247, 0.3065
Android (android.graphics.Color)	4282444797 (0xFF40EBFD)
YUV	185.9230, 33.0690, -106.9265
Hunter-Lab	82.2183, -36.3015, -16.9864

Details

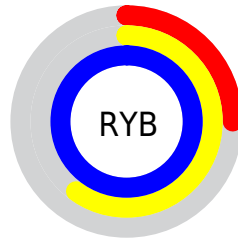
The Hex color **40EBFD** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FD5240**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **8BFFFF**, and **00B3C4** is the 20% darker color. If you saturate the color by 10%, you get **27E9FD**, and if you desaturate by 10%, it is **59EDFD**.

Distribution



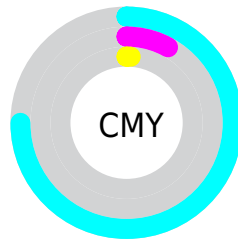
- Red (25%)
- Green (92%)
- Blue (99%)



- Red (25%)
- Yellow (60%)
- Blue (99%)



- Cyan (75%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (75%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40EBFD 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 40EBFD by changing the saturation by 10% instead.

 40EBFD

 40EBFD


FFFFFF

 00CFE0

 8BFFFF

 00B3C4

 ACFFFF

 0098A9

 CCFFFF

 007D8F

 EBFFFF

 006475

 004B5C

 003345

 001E2E

 00011A

 40EBFD

 40EBFD

 27E9FD

 59EDFD

 0DE6FD

 73F0FD

 00E5FD

 8CF2FD

 A5F5FD

 BFF7FD

 D8F9FD

 F1FCFD

FFFEFD

FFFFFD

Harmonies

Analogous

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



66ECD5



40EBFD



5EE5FF

Triad

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



40EBFD



FFBFFF



F1D486

Complementary

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



40EBFD



FD5240

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.



FFC693



40EBFD



FFB8D8

Square

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



40EBFD



DBCCFF



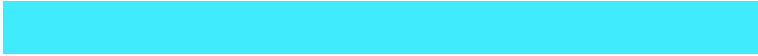
FFBBB1



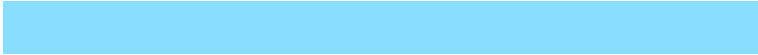
C8E090

Rectangle

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



40EBFD



89DEFF



FFBBB1



FDD088

Sweetspot

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



40EBFD



C7FAFF



40FD50



5E7C80



000000



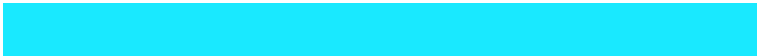
808080

Same Dimension

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



40EBFD



19E9FF



408FFD



737E80



00ADB9



003A40

Inverse Universe

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



FD40EB



FF19E9



FDAE40



80737E



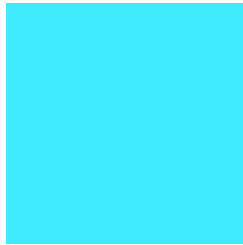
BF00AD



40003A

Previews

White Background



This preview shows how the Hex color 40EBFD looks on a white background.

Color Contrast Check

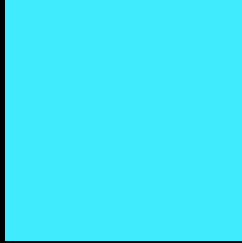
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 40EBFD 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 ✓ Pass

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

Hex 40EBFD Background



This preview shows how black text looks on a background with the Hex color 40EBFD.

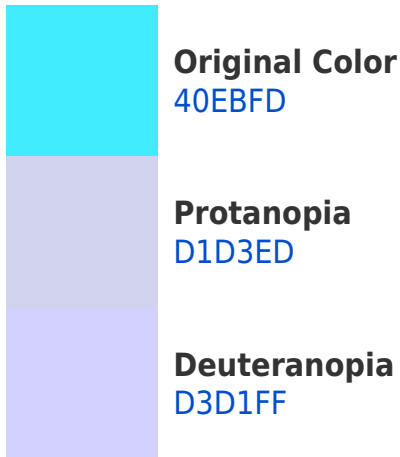


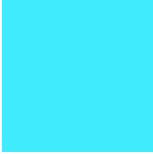
This preview shows how white text looks on a background with the Hex color 40EBFD.

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



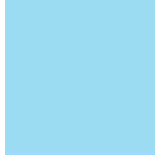


Tritanopia
41EBFE

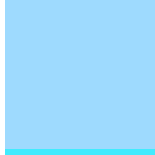
Trichromacy



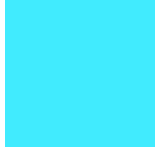
Original Color
40EBFD



Protanomaly
9CDCF3



Deuteranomaly
9EDAFE

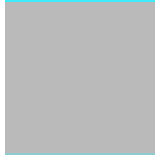


Tritanomaly
41EBFE

Monochromacy



Original Color
40EBFD



Achromatopsia
BABABA



Achromatomaly
8ECCD2

CSS Examples

Text

The CSS property to change the color of the text to Hex 40EBFD 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 #40EBFD looks like.

```
.text, #text, p{  
    color:#40EBFD  
}
```

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 #40EBFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40EBFD
}
```

Border

The CSS property to change the border of an element to Hex 40EBFD 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
#40EBFD }
```

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

```
.border{ border-color:#40EBFD }
```

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

Here you see how a box with a 4 pixel #40EBFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40EBFD; -webkit-box-shadow:4px 4px  
4px 4px #40EBFD; box-shadow:4px 4px 4px  
4px #40EBFD }
```

Background

The CSS property to change the background color of an element to Hex 40EBFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40EBFD }
```

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

```
.background{ background-color:#40EBFD }
```

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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