

Converting Colors

Hex(40ECFF)

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

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Color

Hex(40ECFF)

Conversions

Conversions Part 1

Format	Color
Hex	40ECFF
RGB	64, 236, 255
RGB Percent	25%, 93%, 100%
CMY	0.7490, 0.0745, 0.0000
CMYK	0.75, 0.07, 0.00, 0.00
HSL	186°, 100%, 63%
HSV	186°, 75%, 100%
XYZ	50.1598, 68.3009, 105.1474
YIQ	186.7380, -108.6110, -30.5550

Conversions

Conversions Part 2

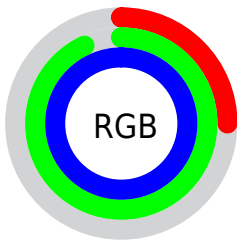
Format	Color
R _{YB}	64, 155, 255
Decimal	4254975
CIE _{Lab}	86.16, -36.27, -21.55
CIE _{LCh}	86, 42.194, 210.719
Yxy	68.3009, 0.2243, 0.3054
Android (android.graphics.Color)	4282445055 (0xFF40ECFF)
YUV	186.7380, 33.6532, -107.6412
Hunter-Lab	82.6444, -36.2896, -17.5829

Details

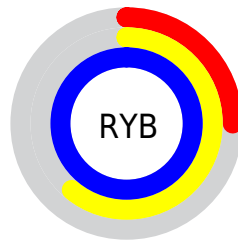
The Hex color **40ECFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF5340**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **8BFFFF**, and **00B4C6** is the 20% darker color. If you saturate the color by 10%, you get **26E9FF**, and if you desaturate by 10%, it is **5AEFFF**.

Distribution



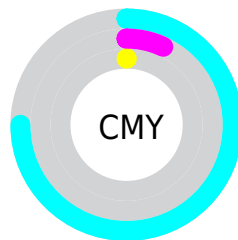
- Red (25%)
- Green (93%)
- Blue (100%)



- Red (25%)
- Yellow (61%)
- Blue (100%)



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



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

Brightness & Saturation Gradients


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

 40ECFF

 40ECFF


FFFFFF

 00CFE2

 8BFFFF

 00B4C6

 ACFFFF

 0098AB

 CCFFFF

 007E90

 ECFFFF

 006577

 004C5E

 003446

 001F30

 00011B

 40ECFF

 40ECFF

 26E9FF

 5AEFFF

 0DE7FF

 73F1FF

 00E6FF

 8DF4FF

 A6F6FF

 C0F9FF

 D9FBFF

 F3FEFF

FFFFFF

Harmonies

Analogous

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



65EDD7



40ECFF



60E6FF

Triad

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



40ECFF



FFBFFF



F1D587

Complementary

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



40ECFF



FF5340

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.



FFC893



40ECFF



FFB9D8

Square

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



40ECFF



DECDFE



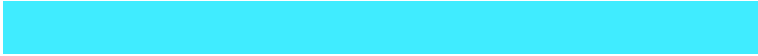
FFBCB1



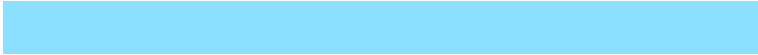
C7E192

Rectangle

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



40ECFF



8BDFFF



FFBCB1



FED189

Sweetspot

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



40ECFF



C7F9FF



40FF50



5E7C80



000000



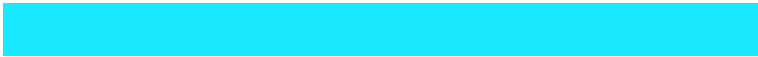
808080

Same Dimension

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



40ECFF



19E8FF



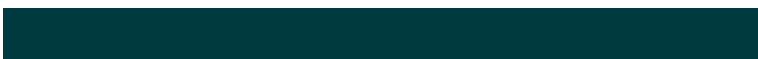
4090FF



737E80



00ACBF



003940

Inverse Universe

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



FF40EC



FF19E8



FFAF40



80737E



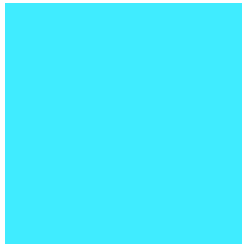
BF00AC



400039

Previews

White Background



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

Color Contrast Check

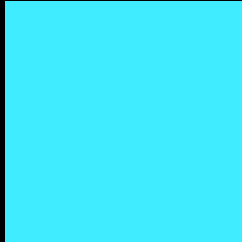
Large Text (above 18pt) WCAG AA × Fail

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 40ECFF 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 40ECFF Background



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

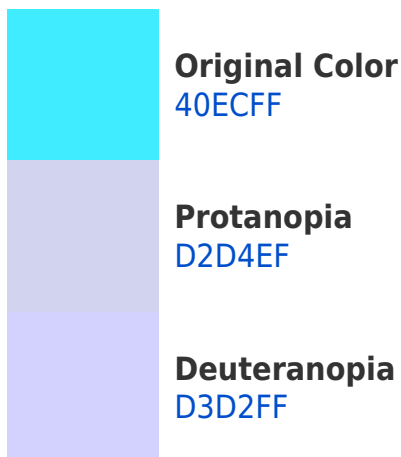


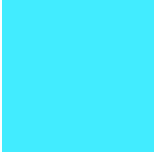
This preview shows how white text looks on a background with the Hex color 40ECFF.

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



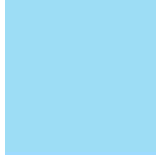


Tritanopia
42ECFF

Trichromacy



Original Color
40ECFF



Protanomaly
9DDDF5



Deuteranomaly
9EDBFF

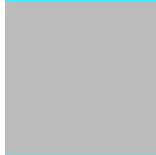


Tritanomaly
41ECFF

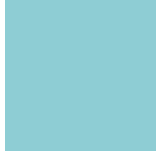
Monochromacy



Original Color
40ECFF



Achromatopsia
BBBBBB



Achromatomaly
8ECDD4

CSS Examples

Text

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

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

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 #40ECFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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