

Converting Colors

Hex(45E0FF)

Have a look what the booklet for
Hex(45E0FF) contains.

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Color

Hex(45E0FF)

Conversions

Conversions Part 1

Format	Color
Hex	45E0FF
RGB	69, 224, 255
RGB Percent	27%, 88%, 100%
CMY	0.7294, 0.1216, 0.0000
CMYK	0.73, 0.12, 0.00, 0.00
HSL	190°, 100%, 64%
HSV	190°, 73%, 100%
XYZ	47.1599, 61.7965, 104.0501
YIQ	181.1890, -102.3310, -23.2190

Conversions

Conversions Part 2

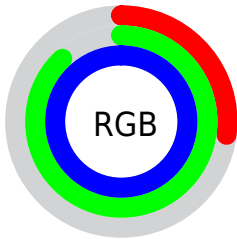
Format	Color
RYB	69, 154, 255
Decimal	4579583
CIELab	82.81, -30.05, -26.64
CIELCh	83, 40.159, 221.562
Yxy	61.7965, 0.2214, 0.2901
Android (android.graphics.Color)	4282769663 (0xFF45E0FF)
YUV	181.1890, 36.3888, -98.3898
Hunter-Lab	78.6108, -30.4837, -23.4494

Details

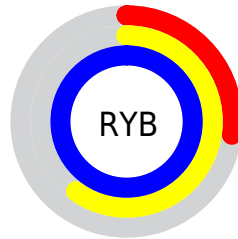
The Hex color **45E0FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6445**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **8DFFFF**, and **00A8C6** is the 20% darker color. If you saturate the color by 10%, you get **2BDCFF**, and if you desaturate by 10%, it is **5EE4FF**.

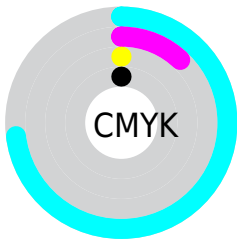
Distribution



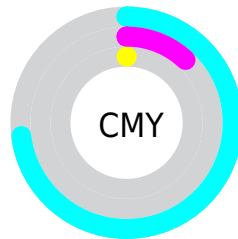
- Red (27%)
- Green (88%)
- Blue (100%)



- Red (27%)
- Yellow (60%)
- Blue (100%)



- Cyan (73%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45E0FF 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 45E0FF by changing the saturation by 10% instead.

 45E0FF

 45E0FF

FFFFFF

 00C4E2

 8DFFFF

 00A8C6

 ADFFFF

 008EAB

 CDFFFF

 007490

 EDFFFF

 005B77

 00435E

 002C46

 001430

 00011A

 45E0FF

 45E0FF

 2BDCFF

 5EE4FF

 12D7FF

 78E8FF

 00D4FF

 92EDFF

 ABF1FF

 C4F5FF

 DEFAFF

 F7FEFF

FFFFFF

Harmonies

Analogous

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



54E3DC



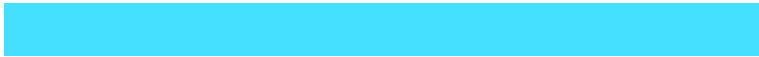
45E0FF



74D9FF

Triad

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



45E0FF



FFB4E7



D9D183

Complementary

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



45E0FF



FF6445

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.



FCC487



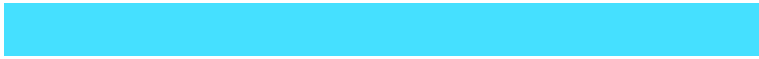
45E0FF



FFB1C1

Square

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



45E0FF



E5BFFF



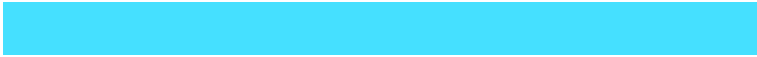
FFB89E



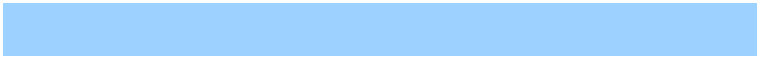
AFDB94

Rectangle

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



45E0FF



9DD1FF



FFB89E



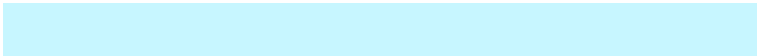
E6CC82

Sweetspot

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



45E0FF



C7F6FF



45FF64



5E7A80



000000



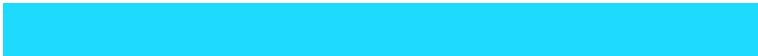
808080

Same Dimension

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



45E0FF



1FDAFF



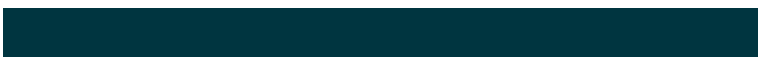
4583FF



737D80



009FBF



003540

Inverse Universe

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



FF45E0



FF1FDA



FFC145



80737D



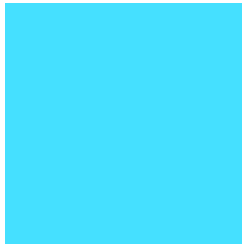
BF009F



400035

Previews

White Background



This preview shows how the Hex color 45E0FF looks on a white background.

Color Contrast Check

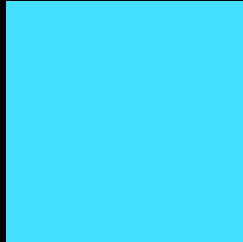
Large Text (above 18pt) WCAG AA × Fail

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 45E0FF 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 45E0FF Background



This preview shows how black text looks on a background with the Hex color 45E0FF.

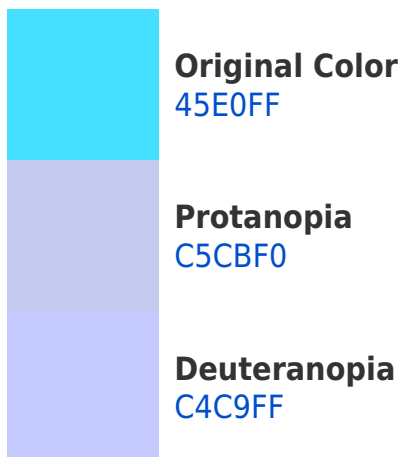


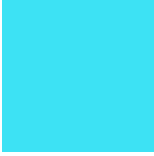
This preview shows how white text looks on a background with the Hex color 45E0FF.

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](#).

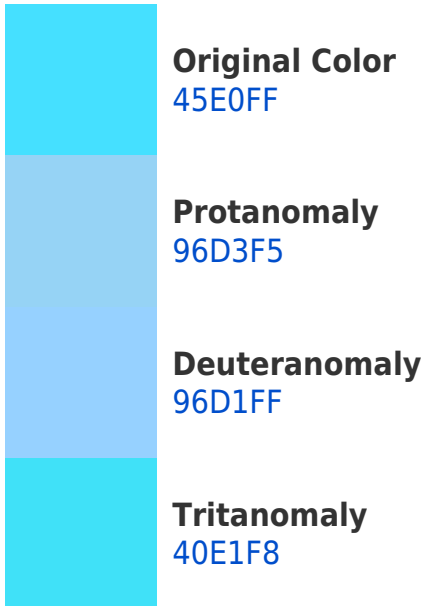
Dichromacy



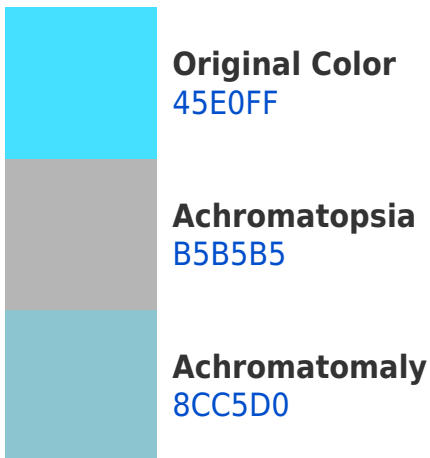


Tritanopia
3DE2F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45E0FF 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 #45E0FF looks like.

```
.text, #text, p{  
    color:#45E0FF  
}
```

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 #45E0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45E0FF
}
```

Border

The CSS property to change the border of an element to Hex 45E0FF 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
#45E0FF }
```

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

```
.border{ border-color:#45E0FF }
```

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

Here you see how a box with a 4 pixel #45E0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45E0FF; -webkit-box-shadow:4px 4px  
4px 4px #45E0FF; box-shadow:4px 4px 4px  
4px #45E0FF }
```

Background

The CSS property to change the background color of an element to Hex 45E0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45E0FF }
```

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

```
.background{ background-color:#45E0FF }
```

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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