

Converting Colors

Hex(50E3FF)

Have a look what the booklet for
Hex(50E3FF) contains.

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Color

Hex(50E3FF)

Conversions

Conversions Part 1

Format	Color
Hex	50E3FF
RGB	80, 227, 255
RGB Percent	31%, 89%, 100%
CMY	0.6863, 0.1098, 0.0000
CMYK	0.69, 0.11, 0.00, 0.00
HSL	190°, 100%, 66%
HSV	190°, 69%, 100%
XYZ	48.8274, 63.8636, 104.3612
YIQ	186.2390, -96.6000, -22.4560

Conversions

Conversions Part 2

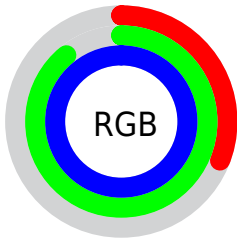
Format	Color
R _{YB}	80, 160, 255
Decimal	5301247
CIE _{Lab}	83.89, -30.13, -24.96
CIE _{LCh}	84, 39.129, 219.635
Yxy	63.8636, 0.2250, 0.2942
Android (android.graphics.Color)	4283491327 (0xFF50E3FF)
YUV	186.2390, 33.8992, -93.1716
Hunter-Lab	79.9147, -30.7885, -21.4869

Details

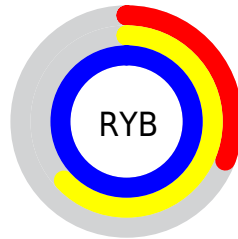
The Hex color **50E3FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF6C50**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **95FFFF**, and **00ABC6** is the 20% darker color. If you saturate the color by 10%, you get **37DFFF**, and if you desaturate by 10%, it is **6AE7FF**.

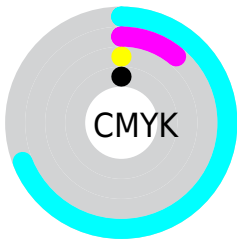
Distribution



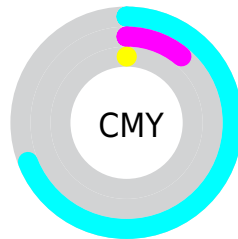
- Red (31%)
- Green (89%)
- Blue (100%)



- Red (31%)
- Yellow (63%)
- Blue (100%)



- Cyan (69%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50E3FF 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 50E3FF by changing the saturation by 10% instead.

 50E3FF

 50E3FF

FFFFFF

 1FC7E2

 95FFFF

 00ABC6

 B4FFFF

 0090AB

 D4FFFF

 007690

 F3FFFF

 005D77

 00455E

 002E46

 001830

 00011B

■ 50E3FF

■ 50E3FF

■ 37DFFF

■ 6AE7FF

■ 1DDBFF

■ 83EBFF

■ 04D7FF

■ 9DEFFF

■ 00D6FF

■ B6F3FF

■ D0F7FF

■ E9FBFF

FFFFFF

Harmonies

Analogous

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



5FE5DC



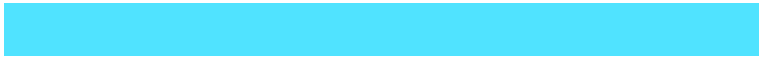
50E3FF



77DCFF

Triad

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



50E3FF



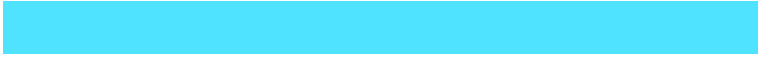
FFB9EC



DFD388

Complementary

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



50E3FF



FF6C50

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.



FFC68D



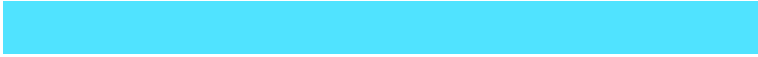
50E3FF



FFB5C6

Square

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



50E3FF



E5C3FF



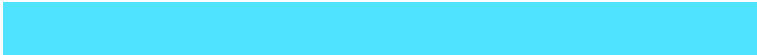
FFBBA4



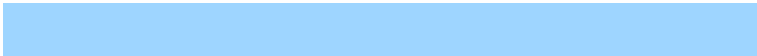
B6DD97

Rectangle

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



50E3FF



9ED5FF



FFBBA4



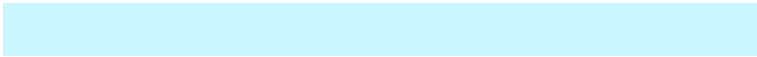
EBCF87

Sweetspot

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



50E3FF



C9F6FF



50FF6A



607A80



000000



808080

Same Dimension

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



50E3FF



2EDEFF



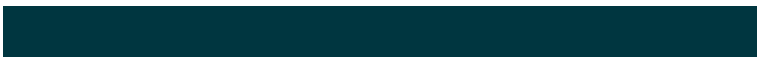
508DFF



737D80



00A1BF



003640

Inverse Universe

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



FF50E3



FF2EDE



FFC250



80737D



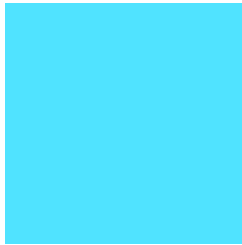
BF00A1



400036

Previews

White Background



This preview shows how the Hex color 50E3FF looks on a white background.

Color Contrast Check

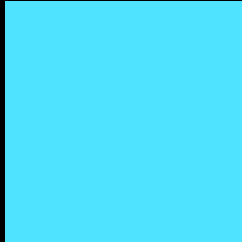
Large Text (above 18pt) WCAG AA × Fail

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 50E3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

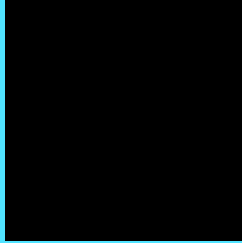
Any Text WCAG AA ✓ Pass

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 50E3FF Background



This preview shows how black text looks on a background with the Hex color 50E3FF.

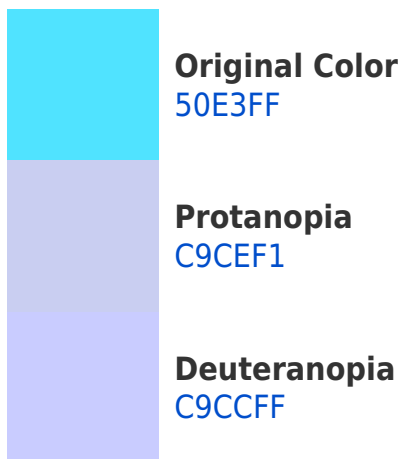


This preview shows how white text looks on a background with the Hex color 50E3FF.

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
4BE4F7

Trichromacy



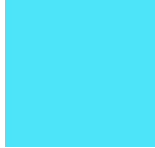
Original Color
50E3FF



Protanomaly
9DD6F6



Deuteranomaly
9DD4FF

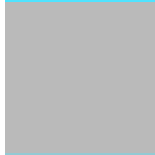


Tritanomaly
4DE4FA

Monochromacy



Original Color
50E3FF



Achromatopsia
BABABA



Achromatomaly
93C9D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 50E3FF 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 #50E3FF looks like.

```
.text, #text, p{  
    color:#50E3FF  
}
```

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 #50E3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50E3FF
}
```

Border

The CSS property to change the border of an element to Hex 50E3FF 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
#50E3FF }
```

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

```
.border{ border-color:#50E3FF }
```

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

Here you see how a box with a 4 pixel #50E3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50E3FF; -webkit-box-shadow:4px 4px  
4px 4px #50E3FF; box-shadow:4px 4px 4px  
4px #50E3FF }
```

Background

The CSS property to change the background color of an element to Hex 50E3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50E3FF }
```

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

```
.background{ background-color:#50E3FF }
```

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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