

Converting Colors

Hex(45C8FF)

Have a look what the booklet for
Hex(45C8FF) contains.

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Color

Hex(45C8FF)

Conversions

Conversions Part 1

Format	Color
Hex	45C8FF
RGB	69, 200, 255
RGB Percent	27%, 78%, 100%
CMY	0.7294, 0.2157, 0.0000
CMYK	0.73, 0.22, 0.00, 0.00
HSL	198°, 100%, 64%
HSV	198°, 73%, 100%
XYZ	41.1585, 49.7938, 102.0496
YIQ	167.1010, -95.7310, -10.6670

Conversions

Conversions Part 2

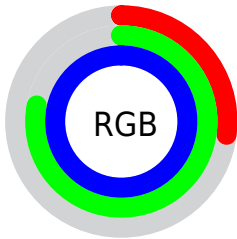
Format	Color
RYB	69, 146, 255
Decimal	4573439
CIELab	75.94, -18.03, -37.20
CIElCh	76, 41.341, 244.148
Yxy	49.7938, 0.2133, 0.2580
Android (android.graphics.Color)	4282763519 (0xFF45C8FF)
YUV	167.1010, 43.3342, -86.0346
Hunter-Lab	70.5647, -19.3739, -36.3490

Details

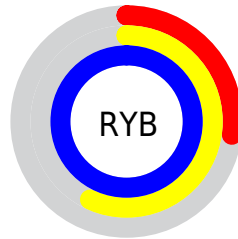
The Hex color **45C8FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF7C45**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **8BFFFF**, and **0092C6** is the 20% darker color. If you saturate the color by 10%, you get **2BC0FF**, and if you desaturate by 10%, it is **5ED0FF**.

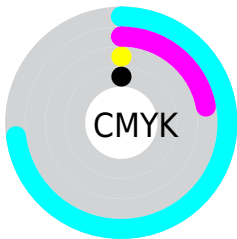
Distribution



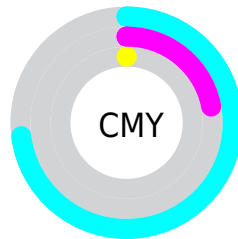
- Red (27%)
- Green (78%)
- Blue (100%)



- Red (27%)
- Yellow (57%)
- Blue (100%)



- Cyan (73%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45C8FF 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 45C8FF by changing the saturation by 10% instead.

 45C8FF

 45C8FF

FFFFFF

 00ADE2

 8BFFFF

 0092C6

 ABFFFF

 0078AB

 CBFFFF

 005F90


 EAFFFF

 004876

 00315D

 001E45

 00042E

 000119

 45C8FF

 45C8FF

 2BC0FF

 5ED0FF

 12B9FF

 78D7FF

 00B4FF

 92DFFF

 ABE6FF

 C4EEFF

 DEF5FF

 F7FDFF

FFFFFF

Harmonies

Analogous

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



00CEE5



45C8FF



8CBDFE

Triad

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



45C8FF



FF9DB7



A7C67B

Complementary

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



45C8FF



FF7C45

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.



CFBB6E



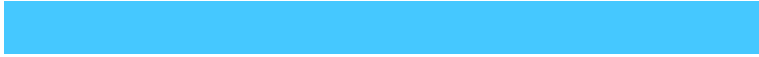
45C8FF



FFA292

Square

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



45C8FF



F0A3DD



EFAD77



78CD99

Rectangle

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



45C8FF



B5B4FF



EFAD77



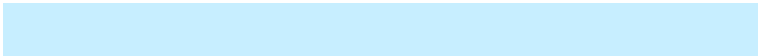
B5C274

Sweetspot

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



45C8FF



C7EEFF



45FF7A



5E7680



000000



808080

Same Dimension

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



45C8FF



1FBDFE



456DFE



737C80



0087BF



002D40

Inverse Universe

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



FF45C8



FF1FBD



FFD745



80737C



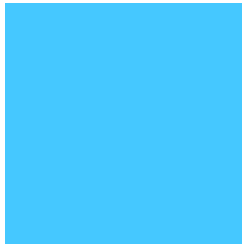
BF0087



40002D

Previews

White Background



This preview shows how the Hex color 45C8FF looks on a white background.

Color Contrast Check

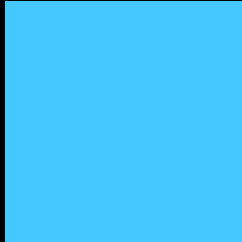
Large Text (above 18pt) WCAG AA × Fail

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 45C8FF 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

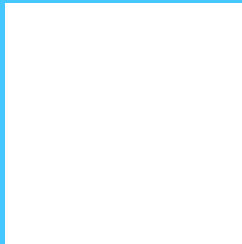
Any Text WCAG AAA ✓ Pass

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

Hex 45C8FF Background



This preview shows how black text looks on a background with the Hex color 45C8FF.

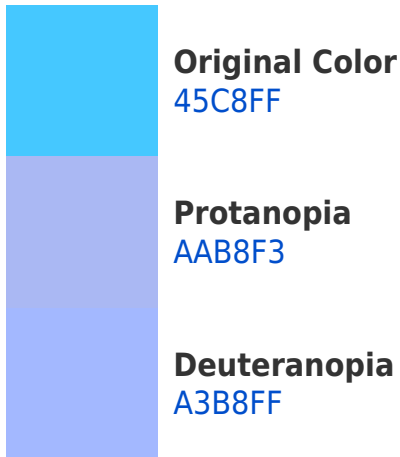


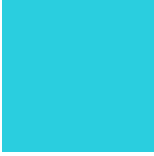
This preview shows how white text looks on a background with the Hex color 45C8FF.

Color Blindness Simulation

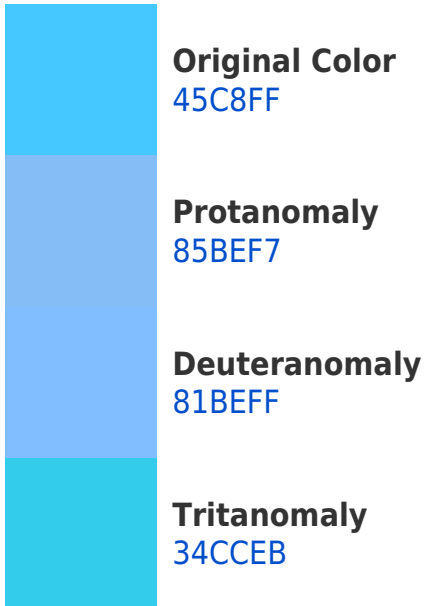
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

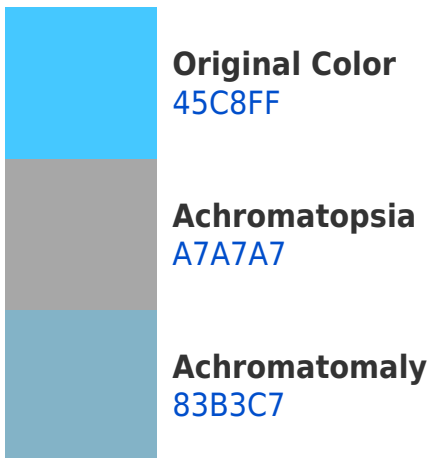




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45C8FF 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 #45C8FF looks like.

```
.text, #text, p{  
    color:#45C8FF  
}
```

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 #45C8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C8FF
}
```

Border

The CSS property to change the border of an element to Hex 45C8FF 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
#45C8FF }
```

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

```
.border{ border-color:#45C8FF }
```

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

Here you see how a box with a 4 pixel #45C8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C8FF; -webkit-box-shadow:4px 4px  
4px 4px #45C8FF; box-shadow:4px 4px 4px  
4px #45C8FF }
```

Background

The CSS property to change the background color of an element to Hex 45C8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C8FF }
```

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

```
.background{ background-color:#45C8FF }
```

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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