

Converting Colors

Hex(45CAFF)

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

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Color

Hex(45CAFF)

Conversions

Conversions Part 1

Format	Color
Hex	45CAFF
RGB	69, 202, 255
RGB Percent	27%, 79%, 100%
CMY	0.7294, 0.2078, 0.0000
CMYK	0.73, 0.21, 0.00, 0.00
HSL	197°, 100%, 64%
HSV	197°, 73%, 100%
XYZ	41.6248, 50.7263, 102.2050
YIQ	168.2750, -96.2810, -11.7130

Conversions

Conversions Part 2

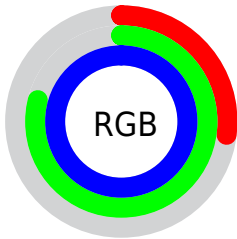
Format	Color
R _Y B	69, 147, 255
Decimal	4573951
CIE Lab	76.51, -19.06, -36.32
CIE LCh	77, 41.018, 242.308
Yxy	50.7263, 0.2139, 0.2607
Android (android.graphics.Color)	4282764031 (0xFF45CAFF)
YUV	168.2750, 42.7554, -87.0642
Hunter-Lab	71.2224, -20.3177, -35.2263

Details

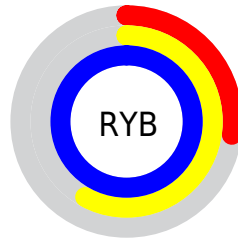
The Hex color **45CAFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF7A45**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **8CFFFF**, and **0094C6** is the 20% darker color. If you saturate the color by 10%, you get **2BC3FF**, and if you desaturate by 10%, it is **5ED1FF**.

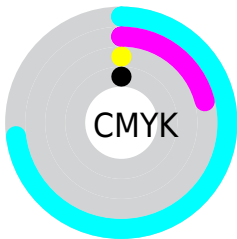
Distribution



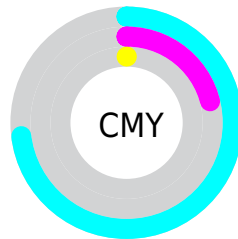
- Red (27%)
- Green (79%)
- Blue (100%)



- Red (27%)
- Yellow (58%)
- Blue (100%)



- Cyan (73%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 45CAFF

 45CAFF

FFFFFF

 00AFE2

 8CFFFF

 0094C6

 ABFFFF

 007AAB

 CBFFFF

 006190

 EAFFFF

 004976

 00335D

 001F45

 00042F

 000119

 45CAFF

 45CAFF

 2BC3FF

 5ED1FF

 12BBFF

 78D9FF

 00B6FF

 92E0FF

 ABE7FF

 C4EEFF

 DEF6FF

 F7FDFD

FFFFFF

Harmonies

Analogous

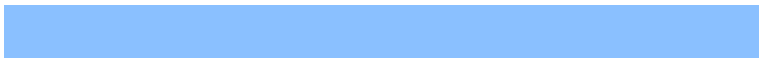
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0ED0E4



45CAFF



8AC0FF

Triad

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



45CAFF



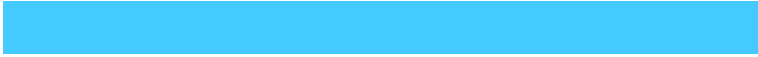
FF9FBB



ABC77B

Complementary

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



45CAFF



FF7A45

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.



D3BB70



45CAFF



FFA396

Square

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



45CAFF



EFA5E1



F2AE7A



7DCE98

Rectangle

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



45CAFF



B3B7FF



F2AE7A



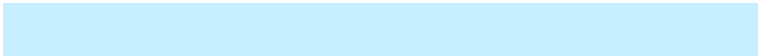
B9C375

Sweetspot

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



45CAFF



C7EFFF



45FF7A



5E7680



000000



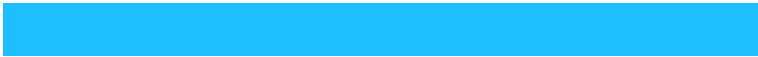
808080

Same Dimension

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



45CAFF



1FBFFF



456DFF



737C80



0089BF



002E40

Inverse Universe

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



FF45CA



FF1FBF



FFD745



80737C



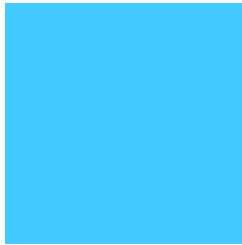
BF0089



40002E

Previews

White Background



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

Color Contrast Check

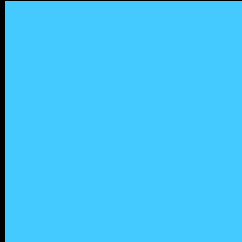
Large Text (above 18pt) WCAG AA × Fail

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 45CAFF 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

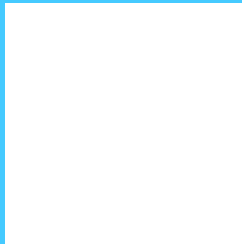
Any Text WCAG AAA ✓ Pass

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

Hex 45CAFF Background



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

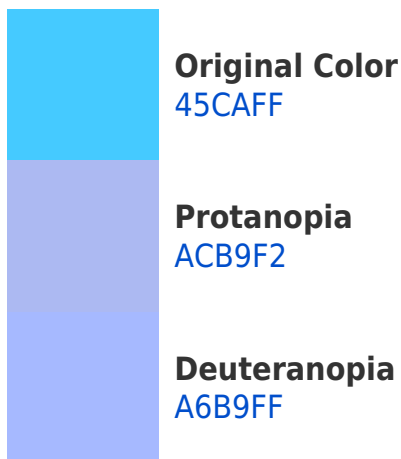


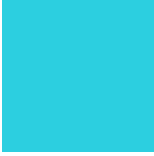
This preview shows how white text looks on a background with the Hex color 45CAFF.

Color Blindness Simulation

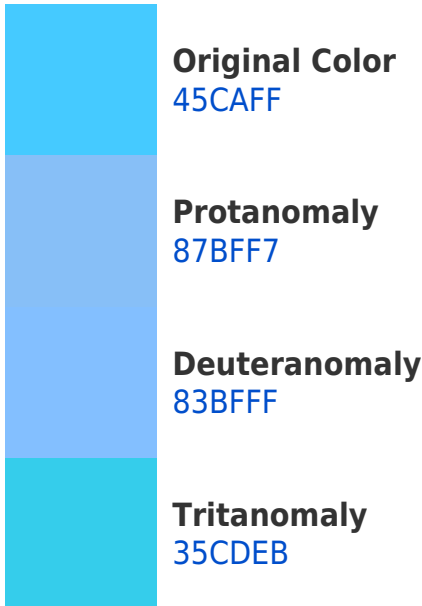
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

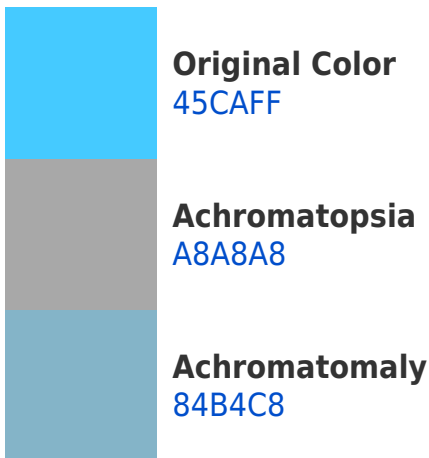




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #45CAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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