

Converting Colors

Hex(45CEF3)

Have a look what the booklet for
Hex(45CEF3) contains.

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Color

Hex(45CEF3)

Conversions

Conversions Part 1

Format	Color
Hex	45CEF3
RGB	69, 206, 243
RGB Percent	27%, 81%, 95%
CMY	0.7294, 0.1922, 0.0471
CMYK	0.72, 0.15, 0.00, 0.05
HSL	193°, 88%, 61%
HSV	193°, 72%, 95%
XYZ	40.7032, 51.8789, 92.6624
YIQ	169.2550, -93.5290, -17.5370

Conversions

Conversions Part 2

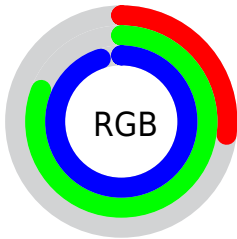
Format	Color
R _{YB}	69, 146, 243
Decimal	4574963
CIE _{Lab}	77.21, -24.88, -28.83
CIE _{LCh}	77, 38.080, 229.199
Yxy	51.8789, 0.2197, 0.2801
Android (android.graphics.Color)	4282765043 (0xFF45CEF3)
YUV	169.2550, 36.3563, -87.9236
Hunter-Lab	72.0270, -25.1750, -25.8574

Details

The Hex color **45CEF3** 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 **F36A45**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **8AFFFF**, and **0097BB** is the 20% darker color. If you saturate the color by 10%, you get **2DC9F3**, and if you desaturate by 10%, it is **5DD3F3**.

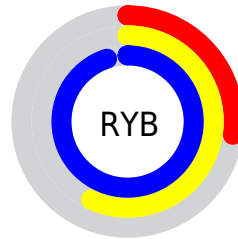
Distribution



Red (27%)

Green (81%)

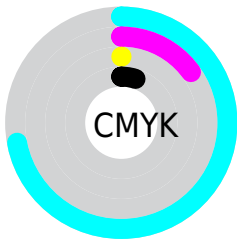
Blue (95%)



Red (27%)

Yellow (57%)

Blue (95%)

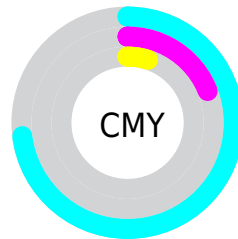


Cyan (72%)

Magenta (15%)

Yellow (0%)

Black (5%)



Cyan (73%)

Magenta (19%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45CEF3 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 45CEF3 by changing the saturation by 10% instead.

 45CEF3

 45CEF3

FFFFFF

 06B2D7

 8AFFFF

 0097BB

 AAFFFF

 007DA0

 C9FFFF

 006485

 E8FFFF

 004C6C

 003554

 00213C

 000326

 000110

■ 45CEF3

■ 45CEF3

■ 2DC9F3

■ 5DD3F3

■ 14C4F3

■ 76D8F3

■ 00BFF3

■ 8EDEF3

■ A6E3F3

■ BEE8F3

■ D7EDF3

■ EFF2F3

■ FFF7F3

■ FFFDF3

Harmonies

Analogous

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



43D2D5



45CEF3



78C6FF

Triad

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



45CEF3



FBA5CD



BFC47B

Complementary

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



45CEF3



F36A45

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.



E2B879



45CEF3



FFA4A9

Square

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



45CEF3



DFAEED



FBAC8B



97CC8F

Rectangle

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



45CEF3



9FBEFF



FBAC8B



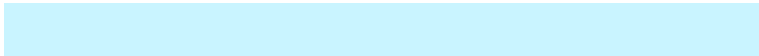
CCC078

Sweetspot

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



45CEF3



C9F4FF



45F368



607980



000000



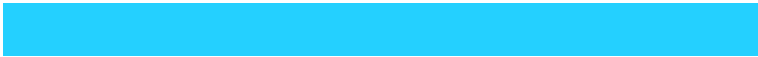
808080

Same Dimension

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



45CEF3



24D0FF



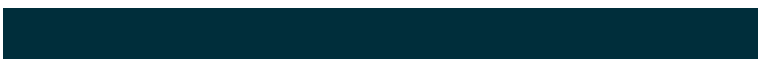
4579F3



6E787A



0093BA



002E3B

Inverse Universe

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



F345CE



FF24D0



F3BF45



7A6E78



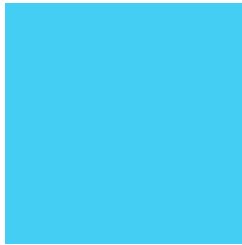
BA0093



3B002E

Previews

White Background



This preview shows how the Hex color 45CEF3 looks on a white background.

Color Contrast Check

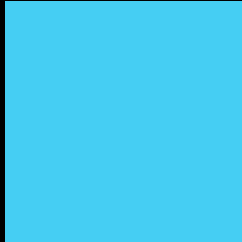
Large Text (above 18pt) WCAG AA × Fail

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 45CEF3 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 45CEF3 Background



This preview shows how black text looks on a background with the Hex color 45CEF3.

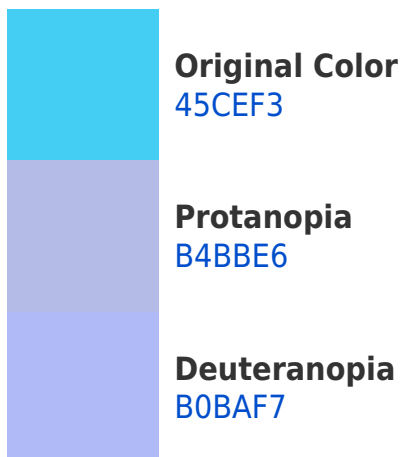


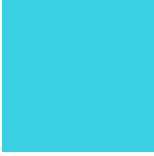
This preview shows how white text looks on a background with the Hex color 45CEF3.

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](#).

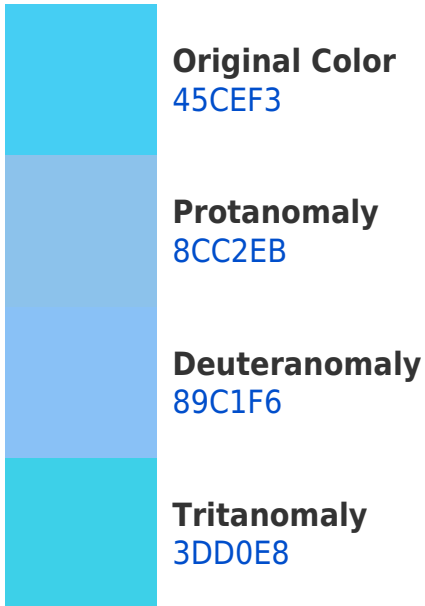
Dichromacy



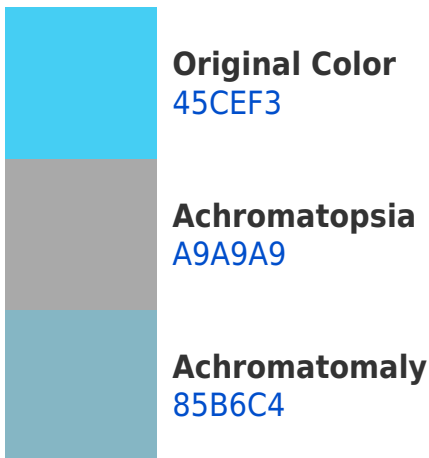


Tritanopia
39D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45CEF3 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 #45CEF3 looks like.

```
.text, #text, p{  
    color:#45CEF3  
}
```

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 #45CEF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45CEF3  
}
```

Border

The CSS property to change the border of an element to Hex 45CEF3 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  
#45CEF3 }
```

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

```
.border{ border-color:#45CEF3 }
```

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

Here you see how a box with a 4 pixel #45CEF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45CEF3; -webkit-box-shadow:4px 4px  
4px 4px #45CEF3; box-shadow:4px 4px 4px  
4px #45CEF3 }
```

Background

The CSS property to change the background color of an element to Hex 45CEF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45CEF3 }
```

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

```
.background{ background-color:#45CEF3 }
```

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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