

Converting Colors

Hex(45C5F7)

Have a look what the booklet for
Hex(45C5F7) contains.

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Color

Hex(45C5F7)

Conversions

Conversions Part 1

Format	Color
Hex	45C5F7
RGB	69, 197, 247
RGB Percent	27%, 77%, 97%
CMY	0.7294, 0.2275, 0.0314
CMYK	0.72, 0.20, 0.00, 0.03
HSL	197°, 92%, 62%
HSV	197°, 72%, 97%
XYZ	39.2090, 47.9131, 95.1773
YIQ	164.4280, -92.3380, -11.5860

Conversions

Conversions Part 2

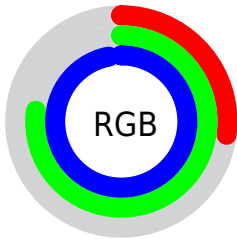
Format	Color
R _{YB}	69, 143, 247
Decimal	4572663
CIE _{Lab}	74.77, -19.04, -34.73
CIE _{LCh}	75, 39.607, 241.264
Y _{xy}	47.9131, 0.2151, 0.2628
Android (android.graphics.Color)	4282762743 (0xFF45C5F7)
YUV	164.4280, 40.7080, -83.6904
Hunter-Lab	69.2193, -20.0232, -33.0709

Details

The Hex color **45C5F7** 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 **F77745**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8AFEFF**, and **008FBE** is the 20% darker color. If you saturate the color by 10%, you get **2CBEF7**, and if you desaturate by 10%, it is **5ECCF7**.

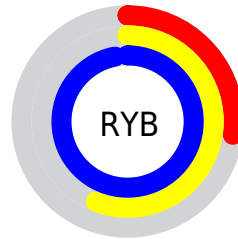
Distribution



Red (27%)

Green (77%)

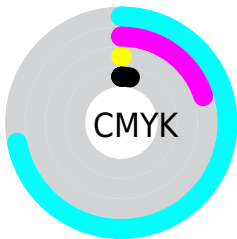
Blue (97%)



Red (27%)

Yellow (56%)

Blue (97%)

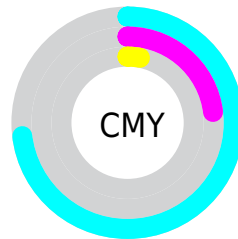


Cyan (72%)

Magenta (20%)

Yellow (0%)

Black (3%)



Cyan (73%)

Magenta (23%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45C5F7 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 45C5F7 by changing the saturation by 10% instead.

 45C5F7

FFFFFF

 8AFEFF

 AAFFFF

 C9FFFF

 E8FFFF

 45C5F7

 07AADA

 008FBE

 0075A3

 005D89

 00456F

 002F56

 001C3F

 000329

 000112

 45C5F7

 45C5F7

 2CB EF7

 5ECCF7

 14B7F7

 76D3F7

 00B2F7

 8FDAF7

 A8E1F7

 C1E8F7

 D9EFF7

 F2F6F7

 FFFDF7

 FFFFF7

Harmonies

Analogous

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



1CCADD



45C5F7



86BBFF

Triad

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



45C5F7



FD9CB8



A8C178

Complementary

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



45C5F7



F77745

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.



CFB66E



45C5F7



FD9F94

Square

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



45C5F7



E7A2DC



EDAA79



7DC894

Rectangle

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



45C5F7



ADB2FC



EDAA79



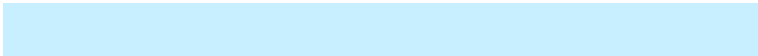
B6BE73

Sweetspot

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



45C5F7



C7EFFF



45F774



5E7680



000000



808080

Same Dimension

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



45C5F7



24C1FF



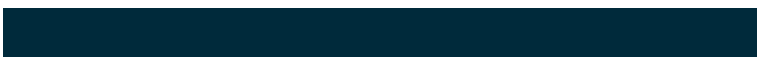
456FF7



6E777A



0086BA



002A3B

Inverse Universe

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



F745C5



FF24C1



F7CD45



7A6E77



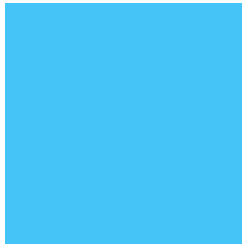
BA0086



3B002A

Previews

White Background



This preview shows how the Hex color 45C5F7 looks on a white background.

Color Contrast Check

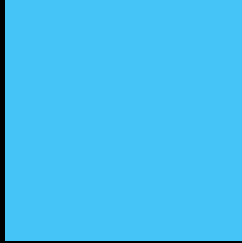
Large Text (above 18pt) WCAG AA × Fail

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 45C5F7 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

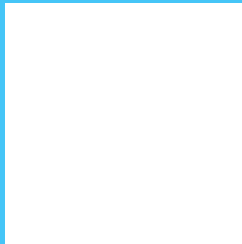
Any Text WCAG AAA ✓ Pass

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

Hex 45C5F7 Background



This preview shows how black text looks on a background with the Hex color 45C5F7.

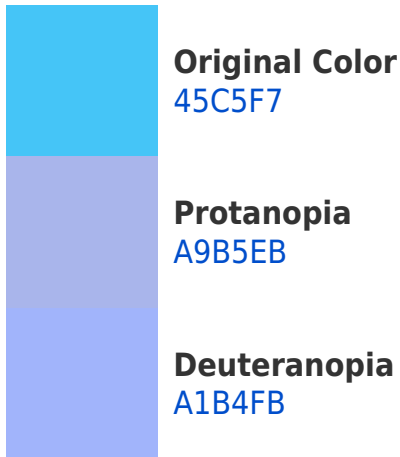


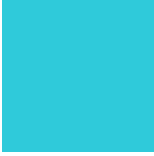
This preview shows how white text looks on a background with the Hex color 45C5F7.

Color Blindness Simulation

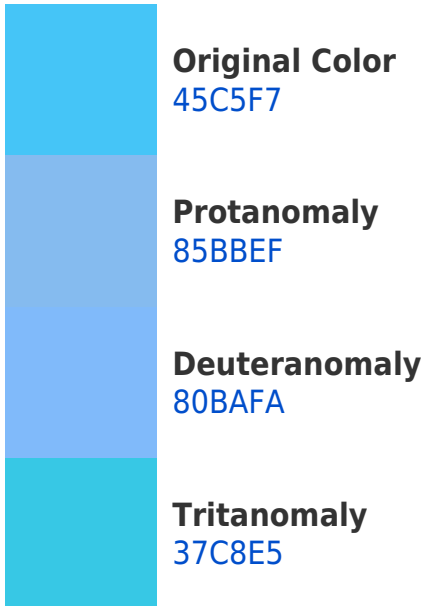
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

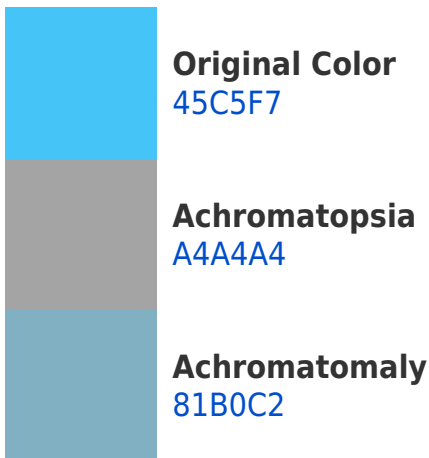




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45C5F7 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 #45C5F7 looks like.

```
.text, #text, p{  
    color:#45C5F7  
}
```

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 #45C5F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C5F7
}
```

Border

The CSS property to change the border of an element to Hex 45C5F7 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
#45C5F7 }
```

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

```
.border{ border-color:#45C5F7 }
```

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

Here you see how a box with a 4 pixel #45C5F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C5F7; -webkit-box-shadow:4px 4px  
4px 4px #45C5F7; box-shadow:4px 4px 4px  
4px #45C5F7 }
```

Background

The CSS property to change the background color of an element to Hex 45C5F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C5F7 }
```

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

```
.background{ background-color:#45C5F7 }
```

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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