

Converting Colors

Hex(45DAF7)

Have a look what the booklet for
Hex(45DAF7) contains.

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Color

Hex(45DAF7)

Conversions

Conversions Part 1

Format	Color
Hex	45DAF7
RGB	69, 218, 247
RGB Percent	27%, 85%, 97%
CMY	0.7294, 0.1451, 0.0314
CMYK	0.72, 0.12, 0.00, 0.03
HSL	190°, 92%, 62%
HSV	190°, 72%, 97%
XYZ	44.3141, 58.1234, 96.8790
YIQ	176.7550, -98.1130, -22.5690

Conversions

Conversions Part 2

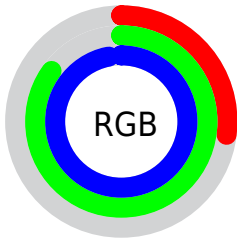
Format	Color
R _{YB}	69, 150, 247
Decimal	4578039
CIE _{Lab}	80.81, -29.57, -25.45
CIE _{LCh}	81, 39.012, 220.726
Y _{xy}	58.1234, 0.2223, 0.2916
Android (android.graphics.Color)	4282768119 (0xFF45DAF7)
YUV	176.7550, 34.6308, -94.5011
Hunter-Lab	76.2387, -29.6637, -21.9746

Details

The Hex color **45DAF7** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F76245**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **8CFFFF**, and **00A3BF** is the 20% darker color. If you saturate the color by 10%, you get **2CD6F7**, and if you desaturate by 10%, it is **5EDEF7**.

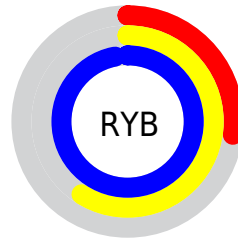
Distribution



Red (27%)

Green (85%)

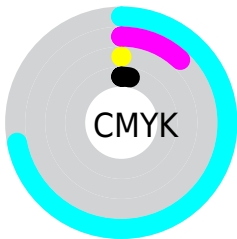
Blue (97%)



Red (27%)

Yellow (59%)

Blue (97%)

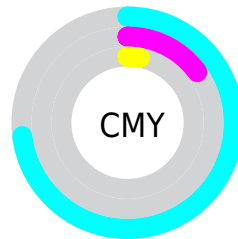


Cyan (72%)

Magenta (12%)

Yellow (0%)

Black (3%)



Cyan (73%)

Magenta (15%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45DAF7 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 45DAF7 by changing the saturation by 10% instead.

 45DAF7

 45DAF7

FFFFFF

 00BEDA

 8CFFFF

 00A3BF

 ACFFFF

 0088A3

 CBFFFF

 006E89

 EAFFFF

 005670

 003E57

 002840

 00092A

 000114

 45DAF7

 45DAF7

 2CD6F7

 5EDEF7

 14D2F7

 76E2F7

 00CFF7

 8FE6F7

 A8EAF7

 C1EEF7

 D9F2F7

 F2F6F7

 FFFAF7

 FFFEF7

Harmonies

Analogous

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



54DCD5



45DAF7



70D3FF

Triad

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



45DAF7



FFB0E2



D4CB80

Complementary

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



45DAF7



F76245

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.



F6BE84



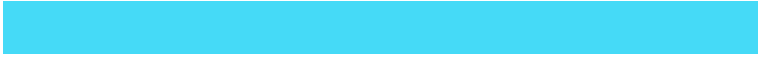
45DAF7



FFADBD

Square

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



45DAF7



DEBAFF



FFB39B



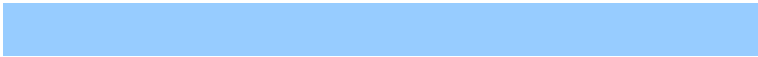
ACD490

Rectangle

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



45DAF7



97CCFF



FFB39B



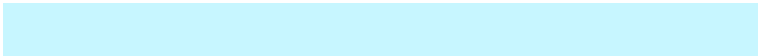
E0C77F

Sweetspot

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



45DAF7



C7F6FF



45F760



5E7A80



000000



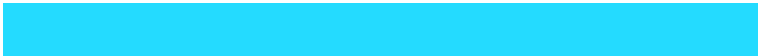
808080

Same Dimension

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



45DAF7



24DBFF



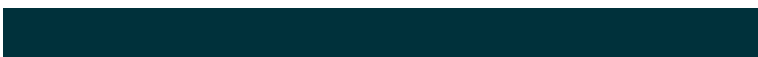
4583F7



6E787A



009CBA



00313B

Inverse Universe

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



F745DA



FF24DB



F7B945



7A6E78



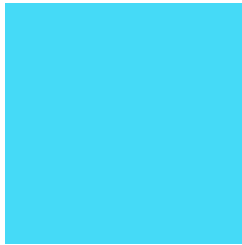
BA009C



3B0031

Previews

White Background



This preview shows how the Hex color 45DAF7 looks on a white background.

Color Contrast Check

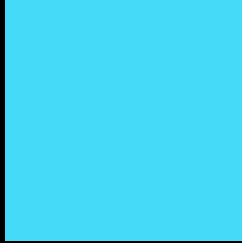
Large Text (above 18pt) WCAG AA × Fail

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 45DAF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

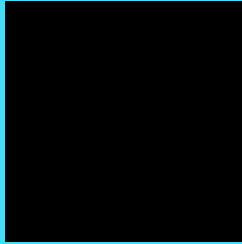
Any Text WCAG AA ✓ Pass

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 45DAF7 Background



This preview shows how black text looks on a background with the Hex color 45DAF7.

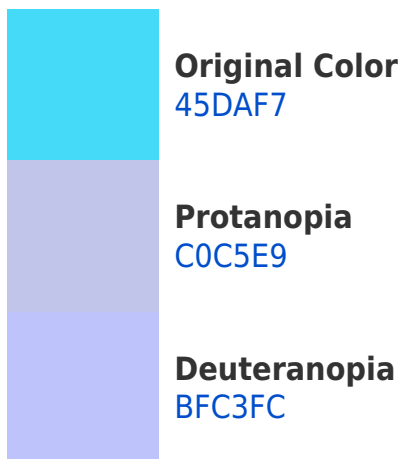


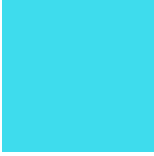
This preview shows how white text looks on a background with the Hex color 45DAF7.

Color Blindness Simulation

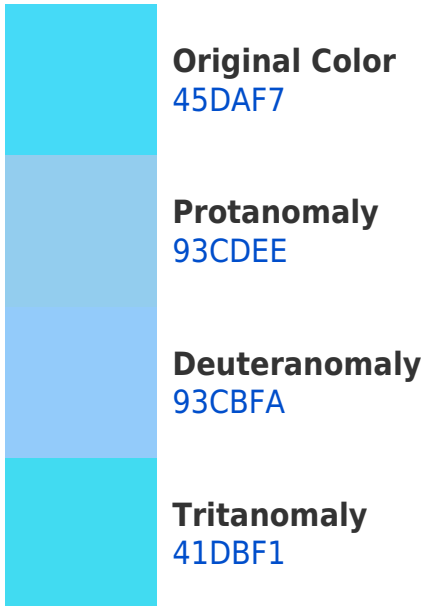
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

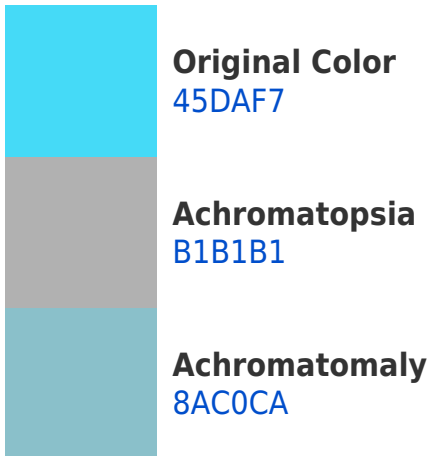




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45DAF7 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 #45DAF7 looks like.

```
.text, #text, p{  
    color:#45DAF7  
}
```

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 #45DAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45DAF7
}
```

Border

The CSS property to change the border of an element to Hex 45DAF7 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
#45DAF7 }
```

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

```
.border{ border-color:#45DAF7 }
```

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

Here you see how a box with a 4 pixel #45DAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45DAF7; -webkit-box-shadow:4px 4px  
4px 4px #45DAF7; box-shadow:4px 4px 4px  
4px #45DAF7 }
```

Background

The CSS property to change the background color of an element to Hex 45DAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45DAF7 }
```

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

```
.background{ background-color:#45DAF7 }
```

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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