

Converting Colors

Hex(45C1F4)

Have a look what the booklet for
Hex(45C1F4) contains.

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Color

Hex(45C1F4)

Conversions

Conversions Part 1

Format	Color
Hex	45C1F4
RGB	69, 193, 244
RGB Percent	27%, 76%, 96%
CMY	0.7294, 0.2431, 0.0431
CMYK	0.72, 0.21, 0.00, 0.04
HSL	197°, 89%, 61%
HSV	197°, 72%, 96%
XYZ	37.8533, 45.9368, 92.4596
YIQ	161.7380, -90.2750, -10.4270

Conversions

Conversions Part 2

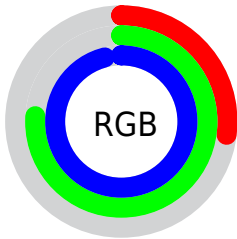
Format	Color
R _{YB}	69, 142, 244
Decimal	4571636
CIE _{Lab}	73.50, -17.93, -35.07
CIE _{LCh}	74, 39.390, 242.927
Yxy	45.9368, 0.2148, 0.2606
Android (android.graphics.Color)	4282761716 (0xFF45C1F4)
YUV	161.7380, 40.5552, -81.3312
Hunter-Lab	67.7767, -18.9168, -33.4385

Details

The Hex color **45C1F4** 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 **F47845**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8AFAFF**, and **008BBC** is the 20% darker color. If you saturate the color by 10%, you get **2DBAF4**, and if you desaturate by 10%, it is **5DC8F4**.

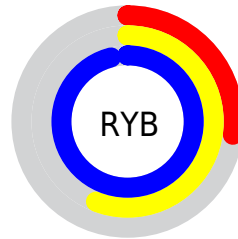
Distribution



Red (27%)

Green (76%)

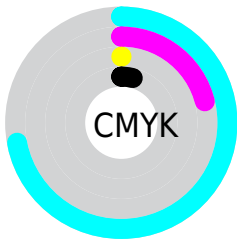
Blue (96%)



Red (27%)

Yellow (56%)

Blue (96%)

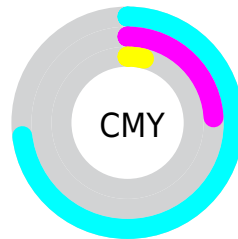


Cyan (72%)

Magenta (21%)

Yellow (0%)

Black (4%)



Cyan (73%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45C1F4 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 45C1F4 by changing the saturation by 10% instead.

 45C1F4

 45C1F4

FFFFFF

 0AA6D7

 8AFAFF

 008BBC

 A9FFFF

 0072A0

 C8FFFF

 005986

 E7FFFF

 00426D

 002C54

 00183C

 000326

 00010F

■ 45C1F4

■ 45C1F4

■ 2DBAF4

■ 5DC8F4

■ 14B3F4

■ 76CFF4

■ 00ADF4

■ 8ED6F4

■ A7DDF4

■ BFE5F4

■ D7ECF4

■ F0F3F4

■ FFFAF4

■ FFFFF4

Harmonies

Analogous

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



14C7DB



45C1F4



86B7FC

Triad

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



45C1F4



F998B2



A3BE77

Complementary

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



45C1F4



F47845

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.



C9B46C



45C1F4



F99C8F

Square

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



45C1F4



E59ED6



E7A775



77C592

Rectangle

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



45C1F4



ACAEF7



E7A775



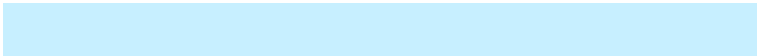
B0BB71

Sweetspot

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



45C1F4



C7EFFF



45F477



5E7680



000000



808080

Same Dimension

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



45C1F4



24BFFF



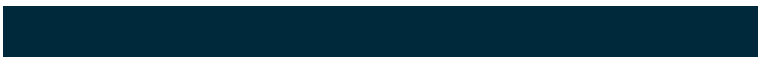
456BF4



6E777A



0084BA



002A3B

Inverse Universe

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



F445C1



FF24BF



F4CE45



7A6E77



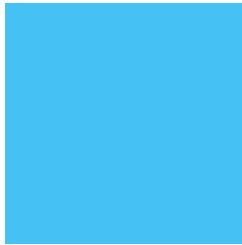
BA0084



3B002A

Previews

White Background



This preview shows how the Hex color 45C1F4 looks on a white background.

Color Contrast Check

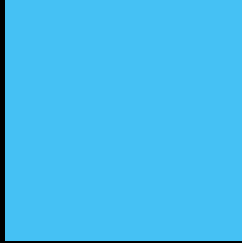
Large Text (above 18pt) WCAG AA × Fail

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 45C1F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

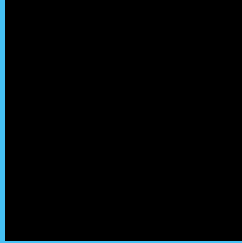
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

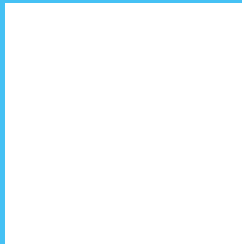
Any Text WCAG AAA ✓ Pass

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

Hex 45C1F4 Background



This preview shows how black text looks on a background with the Hex color 45C1F4.

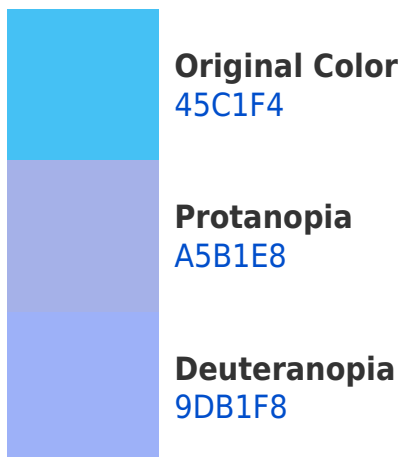


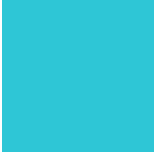
This preview shows how white text looks on a background with the Hex color 45C1F4.

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](#).

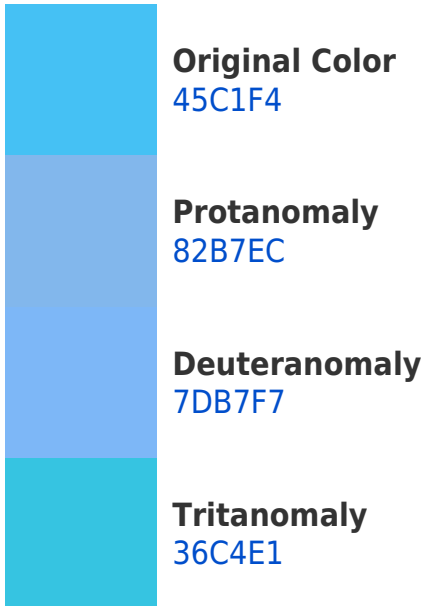
Dichromacy



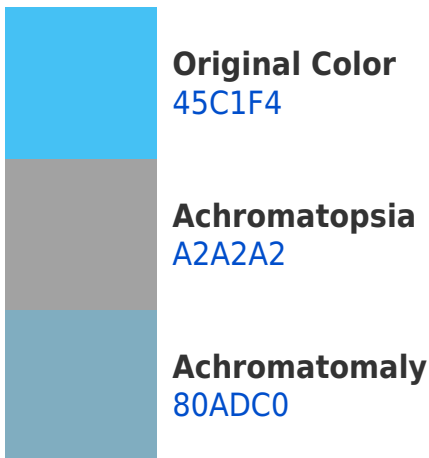


Tritanopia
2EC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45C1F4 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 #45C1F4 looks like.

```
.text, #text, p{  
    color:#45C1F4  
}
```

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 #45C1F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C1F4
}
```

Border

The CSS property to change the border of an element to Hex 45C1F4 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
#45C1F4 }
```

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

```
.border{ border-color:#45C1F4 }
```

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

Here you see how a box with a 4 pixel #45C1F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C1F4; -webkit-box-shadow:4px 4px  
4px 4px #45C1F4; box-shadow:4px 4px 4px  
4px #45C1F4 }
```

Background

The CSS property to change the background color of an element to Hex 45C1F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C1F4 }
```

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

```
.background{ background-color:#45C1F4 }
```

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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