

Converting Colors

Hex(45C8ED)

Have a look what the booklet for
Hex(45C8ED) contains.

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Color

Hex(45C8ED)

Conversions

Conversions Part 1

Format	Color
Hex	45C8ED
RGB	69, 200, 237
RGB Percent	27%, 78%, 93%
CMY	0.7294, 0.2157, 0.0706
CMYK	0.71, 0.16, 0.00, 0.07
HSL	193°, 82%, 60%
HSV	193°, 71%, 93%
XYZ	38.3946, 48.6882, 87.4949
YIQ	165.0490, -89.9530, -16.2650

Conversions

Conversions Part 2

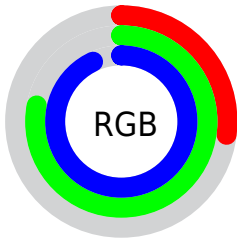
Format	Color
RYB	69, 143, 237
Decimal	4573421
CIELab	75.26, -23.74, -28.60
CIELCh	75, 37.166, 230.309
Yxy	48.6882, 0.2199, 0.2789
Android (android.graphics.Color)	4282763501 (0xFF45C8ED)
YUV	165.0490, 35.4718, -84.2350
Hunter-Lab	69.7769, -23.8904, -25.5013

Details

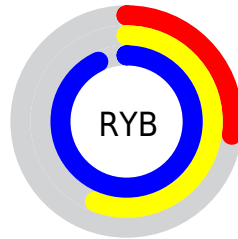
The Hex color **45C8ED** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **ED6A45**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **89FFFF**, and **0092B5** is the 20% darker color. If you saturate the color by 10%, you get **2DC3ED**, and if you desaturate by 10%, it is **5DCDED**.

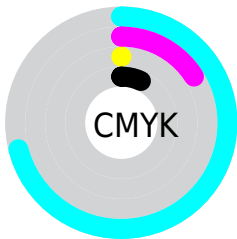
Distribution



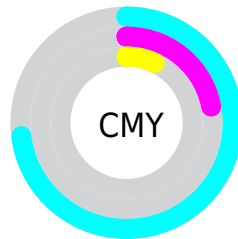
- Red (27%)
- Green (78%)
- Blue (93%)



- Red (27%)
- Yellow (56%)
- Blue (93%)



- Cyan (71%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (73%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45C8ED 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 45C8ED by changing the saturation by 10% instead.

 45C8ED

 45C8ED

FFFFFF

 0CADD1

 89FFFF

 0092B5

 A8FFFF

 00789A

 C7FFFF

 005F80

 E6FFFF

 004767

 00304F

 001D37

 000222

 000008

■ 45C8ED

■ 45C8ED

■ 2DC3ED

■ 5DCDED

■ 16BEED

■ 74D2ED

■ 00B9ED

■ 8CD8ED

■ A4DDED

■ BBE2ED

■ D3E7ED

■ EBEDED

■ FFF2ED

■ FFF7ED

Harmonies

Analogous

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



40CCD0



45C8ED



77C0FC

Triad

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



45C8ED



F5A0C6



B9BF78

Complementary

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



45C8ED



ED6A45

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.



DAB376



45C8ED



FDA0A3

Square

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



45C8ED



DAA8E5



F3A886



92C78D

Rectangle

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



45C8ED



9CB9FC



F3A886



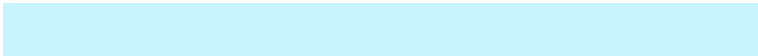
C5BB75

Sweetspot

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



45C8ED



C9F3FF



45ED69



607880



000000



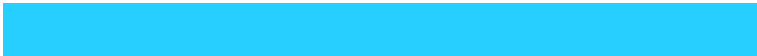
808080

Same Dimension

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



45C8ED



26CFFF



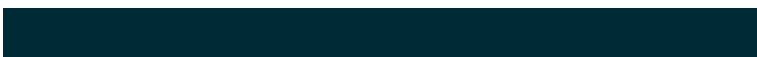
4575ED



6A7375



008DB5



002A36

Inverse Universe

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



ED45C8



FF26CF



EDBD45



756A73



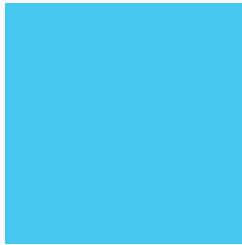
B5008D



36002A

Previews

White Background



This preview shows how the Hex color 45C8ED looks on a white background.

Color Contrast Check

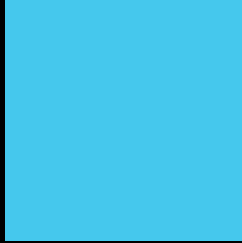
Large Text (above 18pt) WCAG AA × Fail

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 45C8ED 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 45C8ED Background



This preview shows how black text looks on a background with the Hex color 45C8ED.

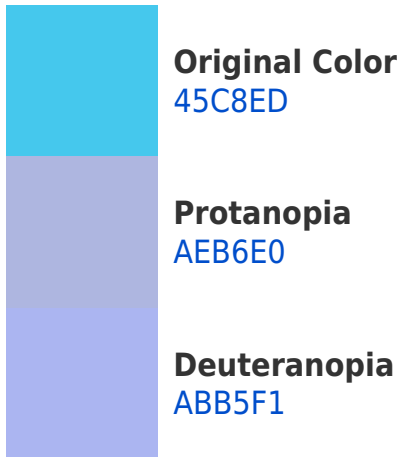


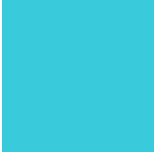
This preview shows how white text looks on a background with the Hex color 45C8ED.

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](#).

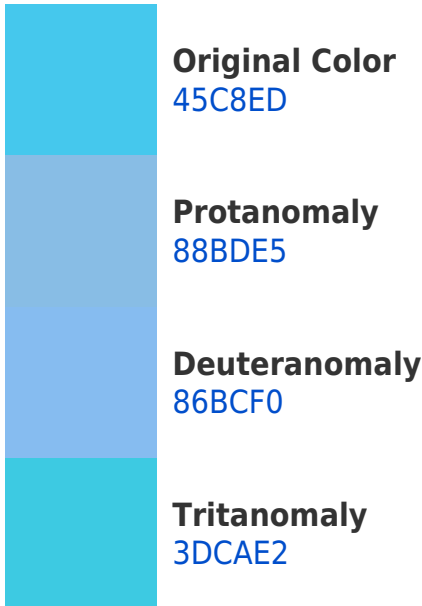
Dichromacy



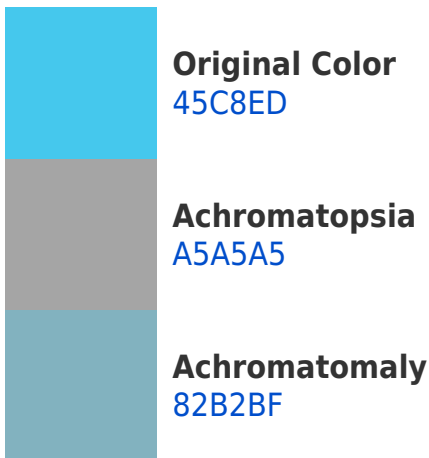


Tritanopia
39CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45C8ED 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 #45C8ED looks like.

```
.text, #text, p{  
    color:#45C8ED  
}
```

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 #45C8ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45C8ED
}
```

Border

The CSS property to change the border of an element to Hex 45C8ED 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
#45C8ED }
```

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

```
.border{ border-color:#45C8ED }
```

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

Here you see how a box with a 4 pixel #45C8ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45C8ED; -webkit-box-shadow:4px 4px  
4px 4px #45C8ED; box-shadow:4px 4px 4px  
4px #45C8ED }
```

Background

The CSS property to change the background color of an element to Hex 45C8ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45C8ED }
```

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

```
.background{ background-color:#45C8ED }
```

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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