

Converting Colors

Hex(45E0ED)

Have a look what the booklet for
Hex(45E0ED) contains.

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Color

Hex(45E0ED)

Conversions

Conversions Part 1

Format	Color
Hex	45E0ED
RGB	69, 224, 237
RGB Percent	27%, 88%, 93%
CMY	0.7294, 0.1216, 0.0706
CMYK	0.71, 0.05, 0.00, 0.07
HSL	185°, 82%, 60%
HSV	185°, 71%, 93%
XYZ	44.3960, 60.6909, 89.4954
YIQ	179.1370, -96.5530, -28.8170

Conversions

Conversions Part 2

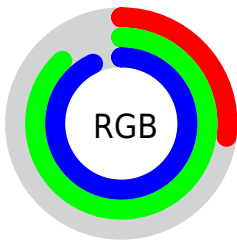
Format	Color
R _{YB}	69, 150, 237
Decimal	4579565
CIE Lab	82.21, -35.38, -18.01
CIE LCh	82, 39.704, 206.982
Yxy	60.6909, 0.2282, 0.3119
Android (android.graphics.Color)	4282769645 (0xFF45E0ED)
YUV	179.1370, 28.5265, -96.5901
Hunter-Lab	77.9044, -34.6096, -13.5784

Details

The Hex color **45E0ED** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **ED5245**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **8BFFFF**, and **00A8B5** is the 20% darker color. If you saturate the color by 10%, you get **2DDEED**, and if you desaturate by 10%, it is **5DE2ED**.

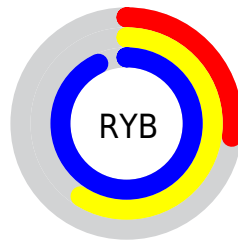
Distribution



Red (27%)

Green (88%)

Blue (93%)



Red (27%)

Yellow (59%)

Blue (93%)

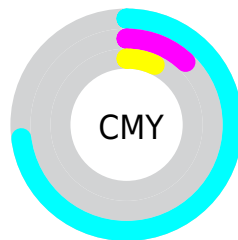


Cyan (71%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (73%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Hex color 45E0ED 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 45E0ED by changing the saturation by 10% instead.

 45E0ED

 45E0ED

FFFFFF

 01C4D1

 8BFFFF

 00A8B5

 ABFFFF

 008D9A

 CAFFFF

 007380

 EAFFFF

 005A67

 00424F

 002B38

 001023

 00000B

 45E0ED

 45E0ED

 2DDEED

 5DE2ED

 16DCED

 74E4ED

 00DBED

 8CE6ED

 A4E7ED

 BBE9ED

 D3EBED

 EBEBED

 FFEFED

 FFF1ED

Harmonies

Analogous

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



69E0C7



45E0ED



59DBFF

Triad

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



45E0ED



F8B7F6



E9C982

Complementary

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



45E0ED



ED5245

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.



FFBC8F



45E0ED



FFB0D2

Square

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



45E0ED



CCC4FF



FFB2AD



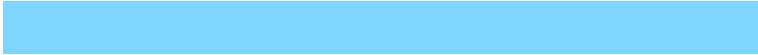
C3D489

Rectangle

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



45E0ED



7ED5FF



FFB2AD



F4C584

Sweetspot

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



45E0ED



C9FBFF



45ED50



607D80



000000



808080

Same Dimension

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



45E0ED



26EEFF



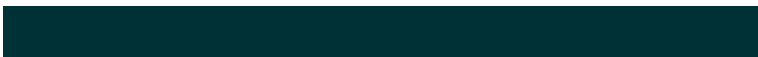
458EED



6A7475



00A7B5



003136

Inverse Universe

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



ED45E0



FF26EE



EDA445



756A74



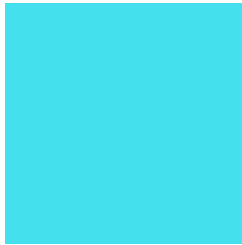
B500A7



360031

Previews

White Background



This preview shows how the Hex color 45E0ED looks on a white background.

Color Contrast Check

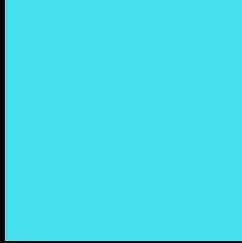
Large Text (above 18pt) WCAG AA × Fail

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 45E0ED 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 45E0ED Background



This preview shows how black text looks on a background with the Hex color 45E0ED.

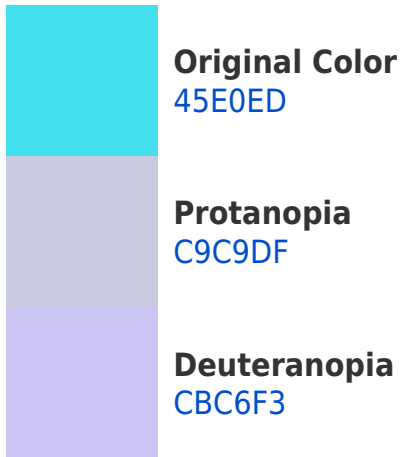


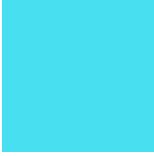
This preview shows how white text looks on a background with the Hex color 45E0ED.

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](#).

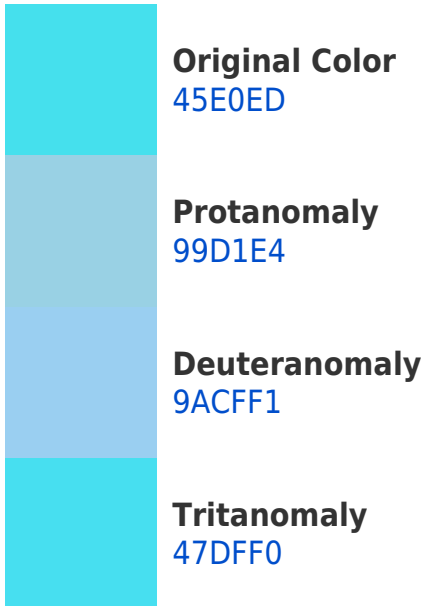
Dichromacy



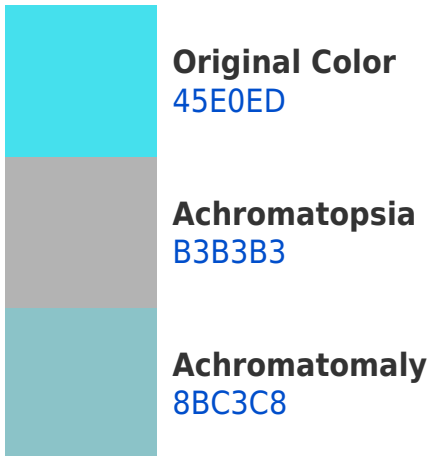


Tritanopia
48DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45E0ED 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 #45E0ED looks like.

```
.text, #text, p{  
    color:#45E0ED  
}
```

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 #45E0ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45E0ED
}
```

Border

The CSS property to change the border of an element to Hex 45E0ED 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
#45E0ED }
```

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

```
.border{ border-color:#45E0ED }
```

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

Here you see how a box with a 4 pixel #45E0ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45E0ED; -webkit-box-shadow:4px 4px  
4px 4px #45E0ED; box-shadow:4px 4px 4px  
4px #45E0ED }
```

Background

The CSS property to change the background color of an element to Hex 45E0ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45E0ED }
```

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

```
.background{ background-color:#45E0ED }
```

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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