

Converting Colors

Hex(45E5EE)

Have a look what the booklet for
Hex(45E5EE) contains.

Hex(45E5EE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(45E5EE)

Conversions

Conversions Part 1

Format	Color
Hex	45E5EE
RGB	69, 229, 238
RGB Percent	27%, 90%, 93%
CMY	0.7294, 0.1020, 0.0667
CMYK	0.71, 0.04, 0.00, 0.07
HSL	183°, 83%, 60%
HSV	183°, 71%, 93%
XYZ	45.9062, 63.4769, 90.7217
YIQ	182.1860, -98.2490, -31.1210

Conversions

Conversions Part 2

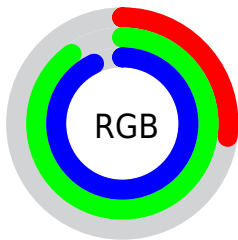
Format	Color
RYB	69, 151, 238
Decimal	4580846
CIELab	83.69, -37.41, -16.31
CIELCh	84, 40.815, 203.559
Yxy	63.4769, 0.2294, 0.3172
Android (android.graphics.Color)	4282770926 (0xFF45E5EE)
YUV	182.1860, 27.5163, -99.2641
Hunter-Lab	79.6724, -36.5773, -11.7419

Details

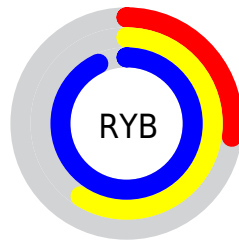
The Hex color **45E5EE** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **EE4E45**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **8CFFFF**, and **00ADB6** is the 20% darker color. If you saturate the color by 10%, you get **2DE4EE**, and if you desaturate by 10%, it is **5DE6EE**.

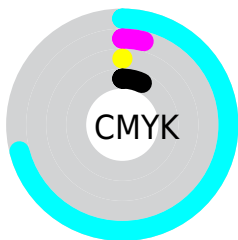
Distribution



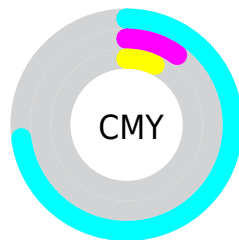
- Red (27%)
- Green (90%)
- Blue (93%)



- Red (27%)
- Yellow (59%)
- Blue (93%)



- Cyan (71%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (73%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45E5EE 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 45E5EE by changing the saturation by 10% instead.

 45E5EE

 45E5EE

FFFFFF

 00C9D2

 8CFFFF

 00ADB6

 ACFFFF

 00929B

 CBFFFF

 007881

 EBFFFF

 005E68

 004650

 002F39

 001724

 00010D

 45E5EE

 45E5EE

 2DE4EE

 5DE6EE

 15E2EE

 75E8EE

 00E1EE

 8CE9EE

 A4EAEE

 BCEBEE

 D4EDEE

 ECEEEE

 FFEFEE

 FFF0EE

Harmonies

Analogous

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



6FE5C7



45E5EE



52E0FF

Triad

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



45E5EE



F9BCFF



F2CB84

Complementary

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



45E5EE



EE4E45

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.



FFBE94



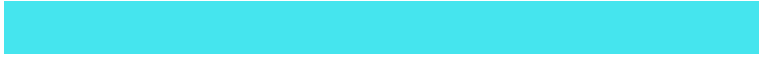
45E5EE



FFB4DB

Square

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



45E5EE



CACAFF



FFB5B4



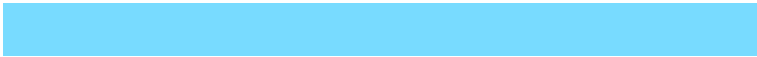
CBD889

Rectangle

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



45E5EE



78DBFF



FFB5B4



FDC787

Sweetspot

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



45E5EE



C9FCFF



45EE4D



607E80



000000



808080

Same Dimension

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



45E5EE



26F3FF



4591EE



6C7778



00AEB8



003538

Inverse Universe

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



EE45E5



FF26F3



EEA245



786C77



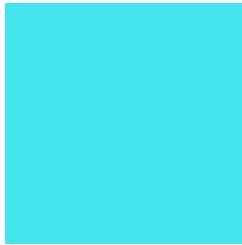
B800AE



380035

Previews

White Background



This preview shows how the Hex color 45E5EE looks on a white background.

Color Contrast Check

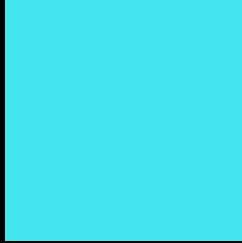
Large Text (above 18pt) WCAG AA × Fail

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 45E5EE 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 45E5EE Background



This preview shows how black text looks on a background with the Hex color 45E5EE.

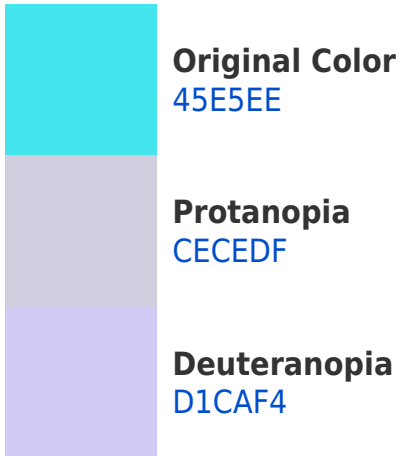


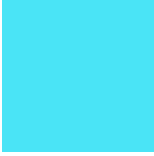
This preview shows how white text looks on a background with the Hex color 45E5EE.

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



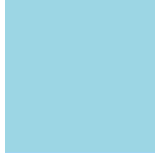


Tritanopia
4AE4F6

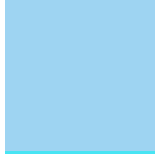
Trichromacy



Original Color
45E5EE



Protanomaly
9CD6E4



Deuteranomaly
9ED4F2

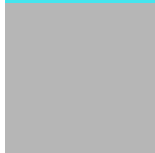


Tritanomaly
48E4F3

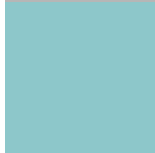
Monochromacy



Original Color
45E5EE



Achromatopsia
B6B6B6



Achromatomaly
8DC7CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 45E5EE 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 #45E5EE looks like.

```
.text, #text, p{  
    color:#45E5EE  
}
```

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 #45E5EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45E5EE
}
```

Border

The CSS property to change the border of an element to Hex 45E5EE 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
#45E5EE }
```

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

```
.border{ border-color:#45E5EE }
```

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

Here you see how a box with a 4 pixel #45E5EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45E5EE; -webkit-box-shadow:4px 4px  
4px 4px #45E5EE; box-shadow:4px 4px 4px  
4px #45E5EE }
```

Background

The CSS property to change the background color of an element to Hex 45E5EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45E5EE }
```

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

```
.background{ background-color:#45E5EE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor