

Converting Colors

Hex(45ECF0)

Have a look what the booklet for
Hex(45ECF0) contains.

Hex(45ECF0)	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(45ECF0)

Conversions

Conversions Part 1

Format	Color
Hex	45ECF0
RGB	69, 236, 240
RGB Percent	27%, 93%, 94%
CMY	0.7294, 0.0745, 0.0588
CMYK	0.71, 0.02, 0.00, 0.06
HSL	181°, 85%, 61%
HSV	181°, 71%, 94%
XYZ	48.1779, 67.5474, 92.9368
YIQ	186.5230, -100.8160, -34.1600

Conversions

Conversions Part 2

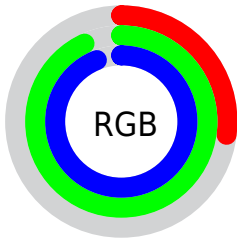
Format	Color
R _{YB}	69, 153, 240
Decimal	4582640
CIE _{Lab}	85.78, -40.04, -14.23
CIE _{LCh}	86, 42.497, 199.570
Yxy	67.5474, 0.2309, 0.3237
Android (android.graphics.Color)	4282772720 (0xFF45ECF0)
YUV	186.5230, 26.3642, -103.0677
Hunter-Lab	82.1872, -39.1915, -9.5137

Details

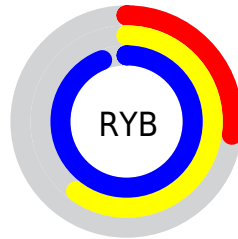
The Hex color **45ECF0** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F04945**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **8DFFFF**, and **00B4B8** is the 20% darker color. If you saturate the color by 10%, you get **2DEBF0**, and if you desaturate by 10%, it is **5DEDF0**.

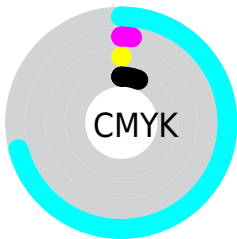
Distribution



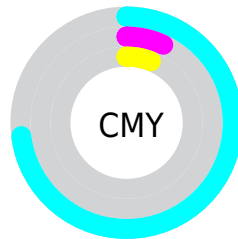
- Red (27%)
- Green (93%)
- Blue (94%)



- Red (27%)
- Yellow (60%)
- Blue (94%)



- Cyan (71%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (73%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45ECF0 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 45ECF0 by changing the saturation by 10% instead.

 45ECF0

 45ECF0

FFFFFF

 00CFD4

 8DFFFF

 00B4B8

 ADFFFF

 00989D

 CDFFFF

 007E83

 ECFFFF

 00646A

 004B52

 00343B

 001E25

 000110

 45ECF0

 45ECF0

 2DEBF0

 5DEDF0

 15EBF0

 75EDF0

 00EAF0

 8DEEF0

 A5EEF0

 BDEFF0

 D5EFF0

 EDF0F0

 FFF0F0

 FFF1F0

Harmonies

Analogous

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



76EBC7



45ECF0



48E8FF

Triad

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



45ECF0



FCC3FF



FECF87

Complementary

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



45ECF0



F04945

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.



FFC29B



45ECF0



FFB9E6

Square

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



45ECF0



C7D1FF



FFB9BD



D7DC89

Rectangle

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



45ECF0



70E2FF



FFB9BD



FFCA8C

Sweetspot

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



45ECF0



C9FEFF



45F048



607F80



000000



808080

Same Dimension

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



45ECF0



24FAFF



4598F0



6C7878



00B3B8



003738

Inverse Universe

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



F045EC



FF24FA



F09D45



786C78



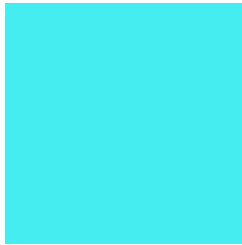
B800B3



380037

Previews

White Background



This preview shows how the Hex color 45ECF0 looks on a white background.

Color Contrast Check

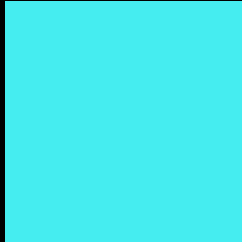
Large Text (above 18pt) WCAG AA × Fail

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 45ECF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

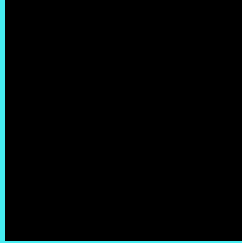
Any Text WCAG AA ✓ Pass

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 45ECF0 Background



This preview shows how black text looks on a background with the Hex color 45ECF0.

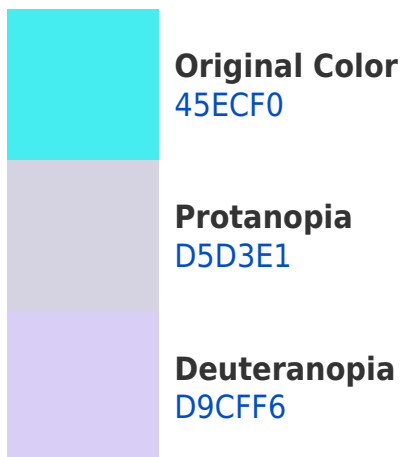


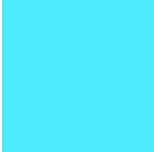
This preview shows how white text looks on a background with the Hex color 45ECF0.

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
4DEAFD

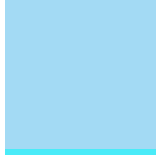
Trichromacy



Original Color
45ECF0



Protanomaly
A1DCE6



Deuteranomaly
A3DAF4

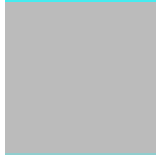


Tritanomaly
4AEBF8

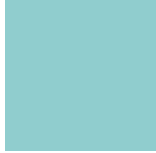
Monochromacy



Original Color
45ECF0



Achromatopsia
BBBBBB



Achromatomaly
90CDCE

CSS Examples

Text

The CSS property to change the color of the text to Hex 45ECF0 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 #45ECF0 looks like.

```
.text, #text, p{  
    color:#45ECF0  
}
```

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 #45ECF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45ECF0
}
```

Border

The CSS property to change the border of an element to Hex 45ECF0 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
#45ECF0 }
```

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

```
.border{ border-color:#45ECF0 }
```

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

Here you see how a box with a 4 pixel #45ECF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45ECF0; -webkit-box-shadow:4px 4px  
4px 4px #45ECF0; box-shadow:4px 4px 4px  
4px #45ECF0 }
```

Background

The CSS property to change the background color of an element to Hex 45ECF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45ECF0 }
```

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

```
.background{ background-color:#45ECF0 }
```

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