

Converting Colors

Hex(45E9DF)

Have a look what the booklet for
Hex(45E9DF) contains.

Hex(45E9DF)	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(45E9DF)

Conversions

Conversions Part 1

Format	Color
Hex	45E9DF
RGB	69, 233, 223
RGB Percent	27%, 91%, 87%
CMY	0.7294, 0.0863, 0.1255
CMYK	0.70, 0.00, 0.04, 0.09
HSL	176°, 79%, 59%
HSV	176°, 70%, 91%
XYZ	44.9124, 64.8707, 79.9662
YIQ	182.8240, -94.5340, -37.8780

Conversions

Conversions Part 2

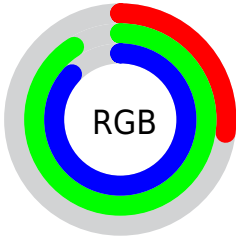
Format	Color
R _{YB}	69, 154, 233
Decimal	4581855
CIE Lab	84.42, -43.39, -7.31
CIE LCh	84, 43.999, 189.567
Yxy	64.8707, 0.2367, 0.3419
Android (android.graphics.Color)	4282771935 (0xFF45E9DF)
YUV	182.8240, 19.8068, -99.8236
Hunter-Lab	80.5424, -41.4131, -2.4862

Details

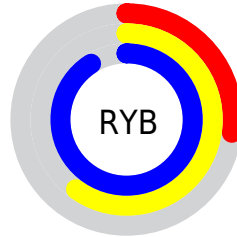
The Hex color **45E9DF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **E9454F**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **8BFFFF**, and **00B1A8** is the 20% darker color. If you saturate the color by 10%, you get **2EE9DE**, and if you desaturate by 10%, it is **5CE9E0**.

Distribution



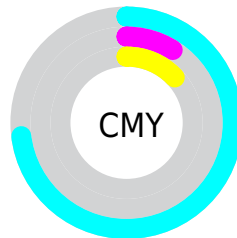
- Red (27%)
- Green (91%)
- Blue (87%)



- Red (27%)
- Yellow (60%)
- Blue (91%)



- Cyan (70%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (73%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45E9DF 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 45E9DF by changing the saturation by 10% instead.

 45E9DF

 45E9DF

FFFFFF

 02CCCC

 8BFFFF

 00B1A8

 ABFFFF

 00958E

 CAFFFF

 007B74

 E9FFFF

 00615C

 004844

 00312E

 00191A

 000000

 45E9DF

 45E9DF

 2EE9DE

 5CE9E0

 16E9DC

 74E9E2

 00E9DB

 8BE9E3

 A2E9E5

 BAE9E6

 D1E9E8

 E8E9E9

 FFE9EA

 FFE9EC

Harmonies

Analogous

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



80E7B4



45E9DF



20E6FF

Triad

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



45E9DF



E9C3FF



FFC685

Complementary

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



45E9DF



E9454F

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.



FFB9A0



45E9DF



FFB6F1

Square

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



45E9DF



ACD2FF



FFB2C7



E1D480

Rectangle

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



45E9DF



4BE2FF



FFB2C7



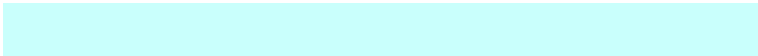
FFC18C

Sweetspot

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



45E9DF



C9FFFC



50E945



60807E



000000



808080

Same Dimension

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



45E9DF



29FFF2



45A2E9



6A7575



00B5AA



003632

Inverse Universe

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



E9454F



FF2936



E98C45



756A6A



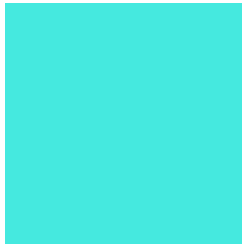
B5000B



360003

Previews

White Background



This preview shows how the Hex color 45E9DF looks on a white background.

Color Contrast Check

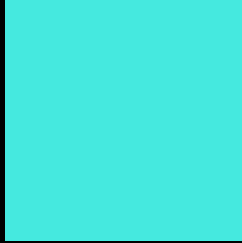
Large Text (above 18pt) WCAG AA × Fail

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 45E9DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

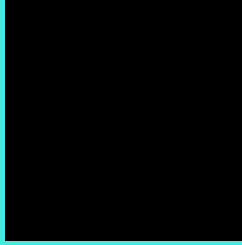
Any Text WCAG AA ✓ Pass

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 45E9DF Background



This preview shows how black text looks on a background with the Hex color 45E9DF.

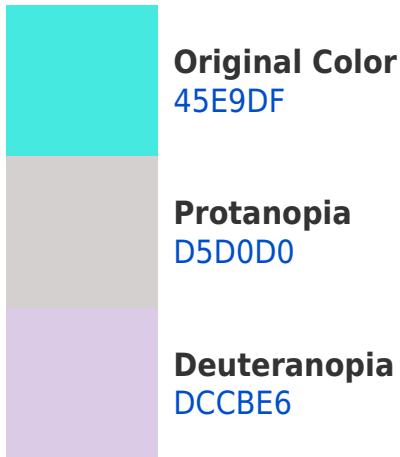


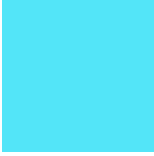
This preview shows how white text looks on a background with the Hex color 45E9DF.

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
53E5F8

Trichromacy



Original Color
45E9DF



Protanomaly
A1D9D5



Deuteranomaly
A5D6E3

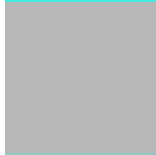


Tritanomaly
4EE6EF

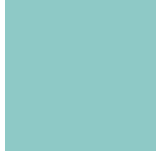
Monochromacy



Original Color
45E9DF



Achromatopsia
B7B7B7



Achromatomaly
8EC9C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 45E9DF 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 #45E9DF looks like.

```
.text, #text, p{  
    color:#45E9DF  
}
```

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 #45E9DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45E9DF
}
```

Border

The CSS property to change the border of an element to Hex 45E9DF 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
#45E9DF }
```

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

```
.border{ border-color:#45E9DF }
```

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

Here you see how a box with a 4 pixel #45E9DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45E9DF; -webkit-box-shadow:4px 4px  
4px 4px #45E9DF; box-shadow:4px 4px 4px  
4px #45E9DF }
```

Background

The CSS property to change the background color of an element to Hex 45E9DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45E9DF }
```

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

```
.background{ background-color:#45E9DF }
```

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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