

Converting Colors

Hex(45EDD8)

Have a look what the booklet for
Hex(45EDD8) contains.

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Color

Hex(45EDD8)

Conversions

Conversions Part 1

Format	Color
Hex	45EDD8
RGB	69, 237, 216
RGB Percent	27%, 93%, 85%
CMY	0.7294, 0.0706, 0.1529
CMYK	0.71, 0.00, 0.09, 0.07
HSL	172°, 82%, 60%
HSV	172°, 71%, 93%
XYZ	45.1331, 66.7915, 75.4790
YIQ	184.3740, -93.3870, -42.1470

Conversions

Conversions Part 2

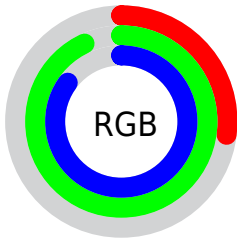
Format	Color
R _{YB}	69, 159, 237
Decimal	4582872
CIE Lab	85.40, -46.98, -2.18
CIE LCh	85, 47.031, 182.657
Yxy	66.7915, 0.2408, 0.3564
Android (android.graphics.Color)	4282772952 (0xFF45EDD8)
YUV	184.3740, 15.5916, -101.1830
Hunter-Lab	81.7260, -44.4442, 2.4503

Details

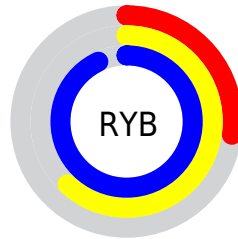
The Hex color **45EDD8** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **ED455A**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **8BFFFF**, and **00B4A1** is the 20% darker color. If you saturate the color by 10%, you get **2DEDD5**, and if you desaturate by 10%, it is **5DEDDB**.

Distribution



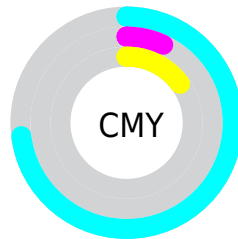
- Red (27%)
- Green (93%)
- Blue (85%)



- Red (27%)
- Yellow (62%)
- Blue (93%)



- Cyan (71%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (73%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45EDD8 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 45EDD8 by changing the saturation by 10% instead.

 45EDD8

 45EDD8


FFFFFF

 02D0BC

 8BFFFF

 00B4A1

 ABFFFF

 009987

 CAFFFF

 007E6E

 E9FFFF

 006456

 004B3F

 003329

 001C15

 000000

 45EDD8

 45EDD8

 2DEDD5

 5DEDDB

 16EDD2

 74EDDE

 00EDCF

 8CEDE1

 A4EDE4

 BBEDE7

 D3EDEA

 EBEDED

 FFEDF0

 FFEDF3

Harmonies

Analogous

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



89E9AB



45EDD8



00ECFF

Triad

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



45EDD8



DFC8FF



FFC587

Complementary

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



45EDD8



ED455A

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.



FFB7A8



45EDD8



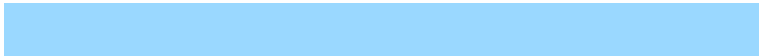
FFB9FF

Square

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



45EDD8



9AD8FF



FFB2D3



EED47B

Rectangle

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



45EDD8



0FE8FF



FFB2D3



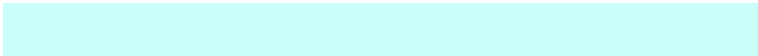
FFBF90

Sweetspot

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



45EDD8



C9FFF8



5BED45



60807C



000000



808080

Same Dimension

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



45EDD8



26FFE4



45AFED



6A7574



00B59E



00362F

Inverse Universe

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



ED455A



FF2641



ED8345



756A6B



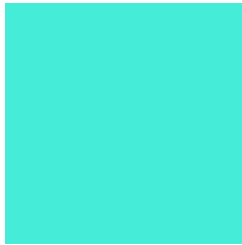
B50017



360007

Previews

White Background



This preview shows how the Hex color 45EDD8 looks on a white background.

Color Contrast Check

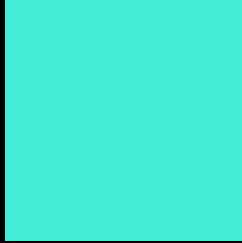
Large Text (above 18pt) WCAG AA × Fail

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 45EDD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

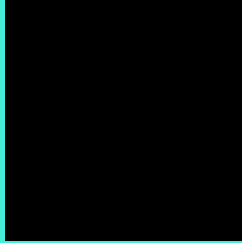
Any Text WCAG AA ✓ Pass

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 45EDD8 Background



This preview shows how black text looks on a background with the Hex color 45EDD8.

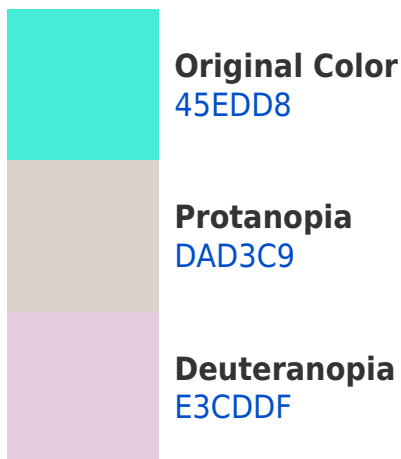


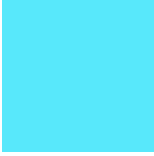
This preview shows how white text looks on a background with the Hex color 45EDD8.

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



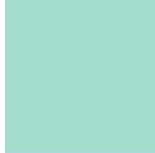


Tritanopia
58E8FB

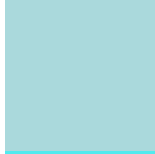
Trichromacy



Original Color
45EDD8



Protanomaly
A4DCCE



Deuteranomaly
AAD9DC

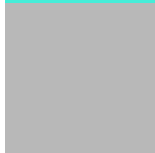


Tritanomaly
51EAEE

Monochromacy



Original Color
45EDD8



Achromatopsia
B8B8B8



Achromatomaly
8ECBC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 45EDD8 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 #45EDD8 looks like.

```
.text, #text, p{  
    color:#45EDD8  
}
```

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 #45EDD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45EDD8  
}
```

Border

The CSS property to change the border of an element to Hex 45EDD8 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  
#45EDD8 }
```

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

```
.border{ border-color:#45EDD8 }
```

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

Here you see how a box with a 4 pixel #45EDD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45EDD8; -webkit-box-shadow:4px 4px  
4px 4px #45EDD8; box-shadow:4px 4px 4px  
4px #45EDD8 }
```

Background

The CSS property to change the background color of an element to Hex 45EDD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45EDD8 }
```

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

```
.background{ background-color:#45EDD8 }
```

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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