

Converting Colors

Hex(45DEE3)

Have a look what the booklet for
Hex(45DEE3) contains.

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Color

Hex(45DEE3)

Conversions

Conversions Part 1

Format	Color
Hex	45DEE3
RGB	69, 222, 227
RGB Percent	27%, 87%, 89%
CMY	0.7294, 0.1294, 0.1098
CMYK	0.70, 0.02, 0.00, 0.11
HSL	182°, 74%, 58%
HSV	182°, 70%, 89%
XYZ	42.4406, 59.0538, 81.8347
YIQ	176.8230, -92.7930, -30.8810

Conversions

Conversions Part 2

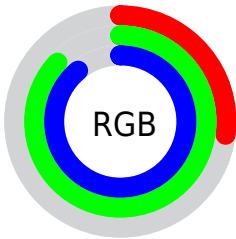
Format	Color
RYB	69, 147, 227
Decimal	4579043
CIELab	81.32, -37.32, -14.04
CIELCh	81, 39.878, 200.622
Yxy	59.0538, 0.2315, 0.3221
Android (android.graphics.Color)	4282769123 (0xFF45DEE3)
YUV	176.8230, 24.7373, -94.5608
Hunter-Lab	76.8465, -35.8996, -9.3461

Details

The Hex color **45DEE3** 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 **E34A45**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **8AFFFF**, and **00A6AC** is the 20% darker color. If you saturate the color by 10%, you get **2EDDE3**, and if you desaturate by 10%, it is **5CDFE3**.

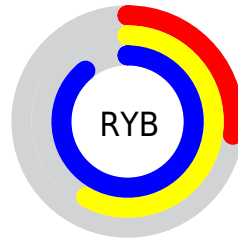
Distribution



Red (27%)

Green (87%)

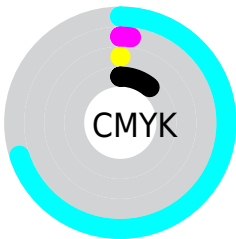
Blue (89%)



Red (27%)

Yellow (58%)

Blue (89%)

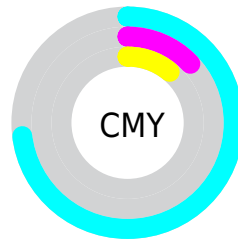


Cyan (70%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45DEE3 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 45DEE3 by changing the saturation by 10% instead.

 45DEE3

 45DEE3

FFFFFF

 07C2C7

 8AFFFF

 00A6AC

 AAFFFF

 008B91

 C9FFFF

 007178

 E8FFFF

 00585F

 004047

 002A31

 000B1C

 000000

 45DEE3

 45DEE3

 2EDDE3

 5CDFE3

 18DDE3

 72DFE3

 01DCE3

 89E0E3

 00DCE3

 A0E1E3

 B6E2E3

 CDE2E3

 E4E3E3

 FBE4E3

 FFE4E3

Harmonies

Analogous

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



70DDBD



45DEE3



4BDAFF

Triad

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



45DEE3



EEB7FA



EEC480

Complementary

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



45DEE3



E34A45

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.



FFB792



45DEE3



FFAFD7

Square

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



45DEE3



BEC5FF



FFAEB2



C9D083

Rectangle

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



45DEE3



6ED5FF



FFAEB2



F8BF84

Sweetspot

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



45DEE3



C9FDFD



45E348



607E80



000000



808080

Same Dimension

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



45DEE3



29F8FF



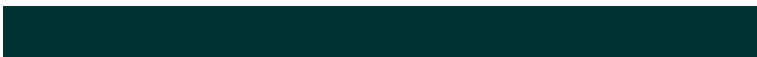
4591E3



677273



00ADB3



003133

Inverse Universe

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



E345DE



FF29F8



E39745



736772



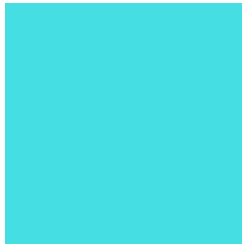
B300AD



330031

Previews

White Background



This preview shows how the Hex color 45DEE3 looks on a white background.

Color Contrast Check

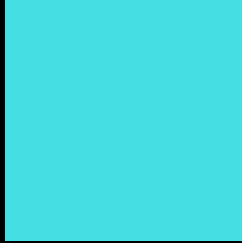
Large Text (above 18pt) WCAG AA × Fail

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 45DEE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

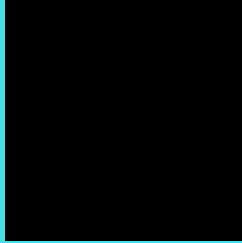
Any Text WCAG AA ✓ Pass

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 45DEE3 Background



This preview shows how black text looks on a background with the Hex color 45DEE3.

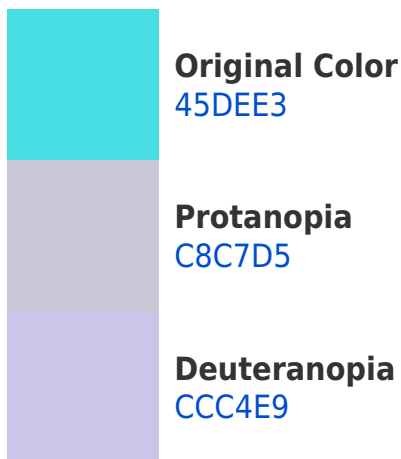


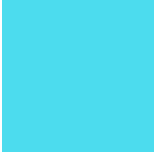
This preview shows how white text looks on a background with the Hex color 45DEE3.

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





Trichromacy



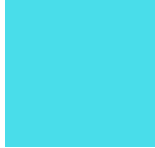
Original Color
45DEE3



Protanomaly
98CFDA



Deuteranomaly
9BCDE7

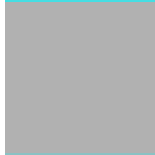


Tritanomaly
49DDEA

Monochromacy



Original Color
45DEE3



Achromatopsia
B1B1B1



Achromatomaly
8AC1C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 45DEE3 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 #45DEE3 looks like.

```
.text, #text, p{  
    color:#45DEE3  
}
```

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 #45DEE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45DEE3
}
```

Border

The CSS property to change the border of an element to Hex 45DEE3 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
#45DEE3 }
```

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

```
.border{ border-color:#45DEE3 }
```

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

Here you see how a box with a 4 pixel #45DEE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45DEE3; -webkit-box-shadow:4px 4px  
4px 4px #45DEE3; box-shadow:4px 4px 4px  
4px #45DEE3 }
```

Background

The CSS property to change the background color of an element to Hex 45DEE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45DEE3 }
```

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

```
.background{ background-color:#45DEE3 }
```

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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