

Converting Colors

Hex(45E2D7)

Have a look what the booklet for
Hex(45E2D7) contains.

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Color

Hex(45E2D7)

Conversions

Conversions Part 1

Format	Color
Hex	45E2D7
RGB	69, 226, 215
RGB Percent	27%, 89%, 84%
CMY	0.7294, 0.1137, 0.1569
CMYK	0.69, 0.00, 0.05, 0.11
HSL	176°, 73%, 58%
HSV	176°, 69%, 89%
XYZ	41.9163, 60.5642, 73.7708
YIQ	177.8030, -90.0410, -36.7050

Conversions

Conversions Part 2

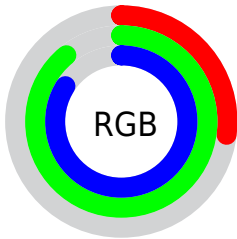
Format	Color
RYB	69, 150, 226
Decimal	4580055
CIELab	82.14, -42.45, -6.45
CIELCh	82, 42.936, 188.634
Yxy	60.5642, 0.2378, 0.3436
Android (android.graphics.Color)	4282770135 (0xFF45E2D7)
YUV	177.8030, 18.3381, -95.4202
Hunter-Lab	77.8230, -40.0482, -1.7267

Details

The Hex color **45E2D7** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **E24550**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **8AFFFF**, and **00AAA0** is the 20% darker color. If you saturate the color by 10%, you get **2EE2D5**, and if you desaturate by 10%, it is **5CE2D9**.

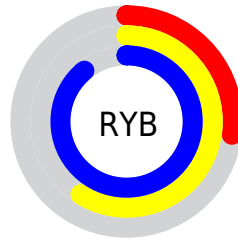
Distribution



Red (27%)

Green (89%)

Blue (84%)



Red (27%)

Yellow (59%)

Blue (89%)

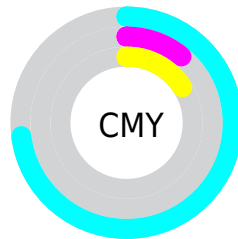


Cyan (69%)

Magenta (0%)

Yellow (5%)

Black (11%)



Cyan (73%)

Magenta (11%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45E2D7 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 45E2D7 by changing the saturation by 10% instead.

 45E2D7

 45E2D7

FFFFFF

 0AC6BB

 8AFFFF

 00AAA0

 A9FFFF

 008F86

 C8FFFF

 00756D

 E7FFFF

 005B55

 00433E

 002C28

 000F14

 000000

 45E2D7

 45E2D7

 2EE2D5

 5CE2D9

 18E2D4

 72E2DA

 01E2D2

 89E2DC

 00E2D2

 9FE2DD

 B6E2DF

 CDE2E1

 E3E2E2

 FAE2E4

 FFE2E5

Harmonies

Analogous

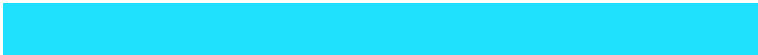
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7EE0AE



45E2D7



1FE0FD

Triad

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



45E2D7



E0BEFF



FFC082

Complementary

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



45E2D7



E24550

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.



FFB39C



45E2D7



FFB1EB

Square

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



45E2D7



A5CCFF



FFADC2



DCCE7C

Rectangle

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



45E2D7



46DBFF



FFADC2



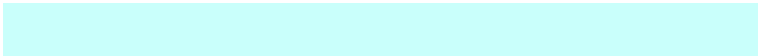
FFBB89

Sweetspot

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



45E2D7



C9FFFB



52E245



60807D



000000



808080

Same Dimension

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



45E2D7



2BFFF0



45A1E2



65706F



00B0A4



00302D

Inverse Universe

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



E24550



FF2B3A



E28645



706566



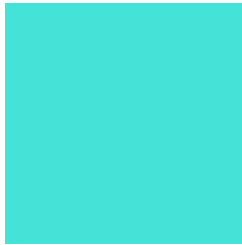
B0000C



300003

Previews

White Background



This preview shows how the Hex color 45E2D7 looks on a white background.

Color Contrast Check

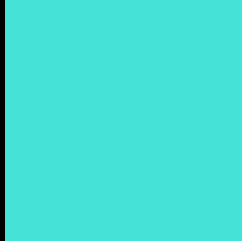
Large Text (above 18pt) WCAG AA × Fail

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 45E2D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

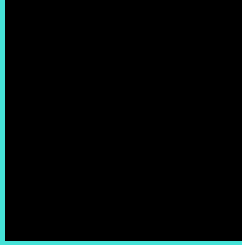
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

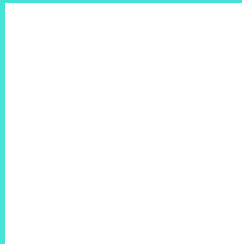
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 45E2D7 Background



This preview shows how black text looks on a background with the Hex color 45E2D7.

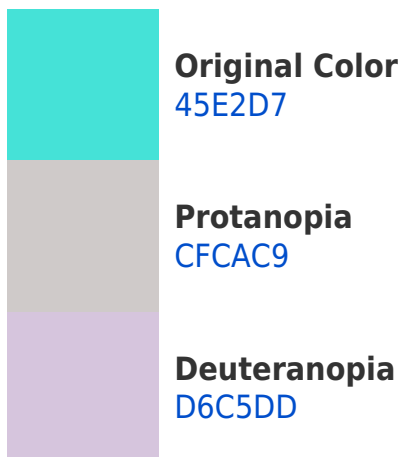


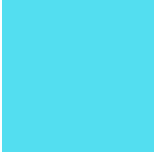
This preview shows how white text looks on a background with the Hex color 45E2D7.

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



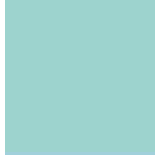


Tritanopia
53DEF0

Trichromacy



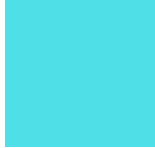
Original Color
45E2D7



Protanomaly
9DD3CE



Deuteranomaly
A1D0DB

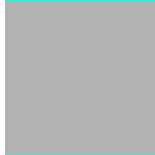


Tritanomaly
4EDFE7

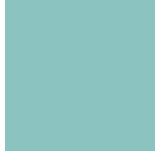
Monochromacy



Original Color
45E2D7



Achromatopsia
B2B2B2



Achromatomaly
8AC3BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 45E2D7 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 #45E2D7 looks like.

```
.text, #text, p{  
    color:#45E2D7  
}
```

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 #45E2D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45E2D7
}
```

Border

The CSS property to change the border of an element to Hex 45E2D7 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
#45E2D7 }
```

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

```
.border{ border-color:#45E2D7 }
```

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

Here you see how a box with a 4 pixel #45E2D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45E2D7; -webkit-box-shadow:4px 4px  
4px 4px #45E2D7; box-shadow:4px 4px 4px  
4px #45E2D7 }
```

Background

The CSS property to change the background color of an element to Hex 45E2D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45E2D7 }
```

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

```
.background{ background-color:#45E2D7 }
```

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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