

Converting Colors

Hex(45FDE3)

Have a look what the booklet for
Hex(45FDE3) contains.

Hex(45FDE3)	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(45FDE3)

Conversions

Conversions Part 1

Format	Color
Hex	45FDE3
RGB	69, 253, 227
RGB Percent	27%, 99%, 89%
CMY	0.7294, 0.0078, 0.1098
CMYK	0.73, 0.00, 0.10, 0.01
HSL	172°, 98%, 63%
HSV	172°, 73%, 99%
XYZ	51.4447, 77.0618, 84.8360
YIQ	195.0200, -101.3180, -47.0940

Conversions

Conversions Part 2

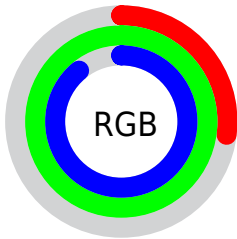
Format	Color
R _{YB}	69, 168, 253
Decimal	4586979
CIE Lab	90.35, -50.93, -0.67
CIE LCh	90, 50.932, 180.758
Yxy	77.0618, 0.2411, 0.3612
Android (android.graphics.Color)	4282777059 (0xFF45FDE3)
YUV	195.0200, 15.7661, -110.5195
Hunter-Lab	87.7849, -49.0170, 4.1510

Details

The Hex color **45FDE3** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **FD455F**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **8EFFFF**, and **00C3AC** is the 20% darker color. If you saturate the color by 10%, you get **2CFDDF**, and if you desaturate by 10%, it is **5EFDE7**.

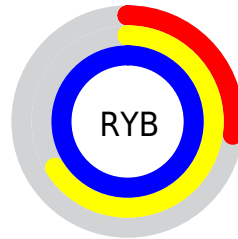
Distribution



Red (27%)

Green (99%)

Blue (89%)



Red (27%)

Yellow (66%)

Blue (99%)

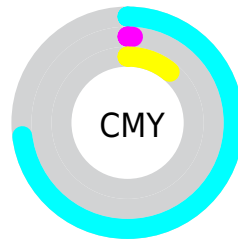


Cyan (73%)

Magenta (0%)

Yellow (10%)

Black (1%)



Cyan (73%)

Magenta (1%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45FDE3 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 45FDE3 by changing the saturation by 10% instead.

 45FDE3

 45FDE3

FFFFFF

 00E0C7

 8EFFFF

 00C3AC

 AEFFFF

 00A891

 CEFFFF

 008C78

 EEFFFF

 00725F

 005847

 003F31

 00291C

 000303

 45FDE3

 45FDE3

 2CFDDF

 5EFDE7

 12FDDC

 78FDEA

 00FDD9

 91FDEE

 AAFDF1

 C4FDF5

 DDFDF8

 F6FDFC

 FFFDFE

Harmonies

Analogous

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



93F9B2



45FDE3



00FCFF

Triad

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



45FDE3



EAD6FF



FFD08F

Complementary

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



45FDE3



FD455F

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.



FFC1B4



45FDE3



FFC5FF

Square

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



45FDE3



9BE8FF



FFBDE4



FFE180

Rectangle

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



45FDE3



00F8FF



FFBDE4



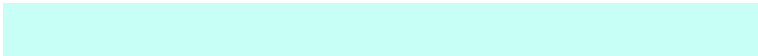
FFCA9A

Sweetspot

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



45FDE3



C7FFF7



61FD45



5E807B



000000



808080

Same Dimension

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



45FDE3



21FFE0



45BDFD



73807E



00BFA4



004037

Inverse Universe

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



FD455F



FF2140



FD8545



807375



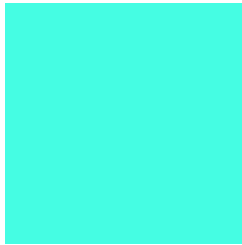
BF001B



400009

Previews

White Background



This preview shows how the Hex color 45FDE3 looks on a white background.

Color Contrast Check

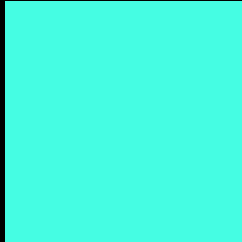
Large Text (above 18pt) WCAG AA × Fail

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 45FDE3 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

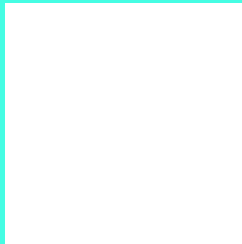
Any Text WCAG AAA ✓ Pass

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

Hex 45FDE3 Background



This preview shows how black text looks on a background with the Hex color 45FDE3.

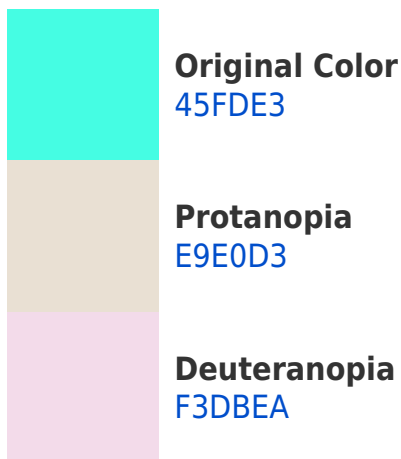


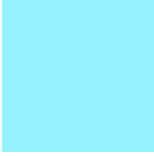
This preview shows how white text looks on a background with the Hex color 45FDE3.

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



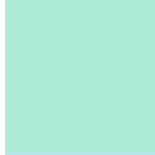


Tritanopia
96F1FF

Trichromacy



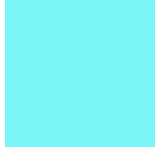
Original Color
45FDE3



Protanomaly
ADEBD9



Deuteranomaly
B4E7E7

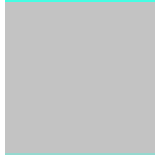


Tritanomaly
79F5F5

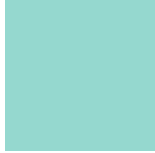
Monochromacy



Original Color
45FDE3



Achromatopsia
C3C3C3



Achromatomaly
95D8CF

CSS Examples

Text

The CSS property to change the color of the text to Hex 45FDE3 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 #45FDE3 looks like.

```
.text, #text, p{  
    color:#45FDE3  
}
```

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 #45FDE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45FDE3
}
```

Border

The CSS property to change the border of an element to Hex 45FDE3 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
#45FDE3 }
```

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

```
.border{ border-color:#45FDE3 }
```

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

Here you see how a box with a 4 pixel #45FDE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45FDE3; -webkit-box-shadow:4px 4px  
4px 4px #45FDE3; box-shadow:4px 4px 4px  
4px #45FDE3 }
```

Background

The CSS property to change the background color of an element to Hex 45FDE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45FDE3 }
```

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

```
.background{ background-color:#45FDE3 }
```

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