

Converting Colors

Hex(45FFDB)

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

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Color

Hex(45FFDB)

Conversions

Conversions Part 1

Format	Color
Hex	45FFDB
RGB	69, 255, 219
RGB Percent	27%, 100%, 86%
CMY	0.7294, 0.0000, 0.1412
CMYK	0.73, 0.00, 0.14, 0.00
HSL	168°, 100%, 64%
HSV	168°, 73%, 100%
XYZ	51.0004, 77.8997, 79.3660
YIQ	195.2820, -99.3000, -50.6280

Conversions

Conversions Part 2

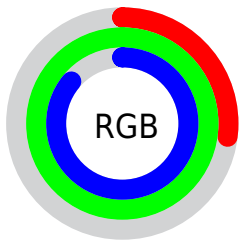
Format	Color
RYB	69, 172, 255
Decimal	4587483
CIELab	90.73, -53.76, 4.03
CIElCh	91, 53.910, 175.711
Yxy	77.8997, 0.2449, 0.3740
Android (android.graphics.Color)	4282777563 (0xFF45FFDB)
YUV	195.2820, 11.6930, -110.7493
Hunter-Lab	88.2608, -51.3123, 8.4677

Details

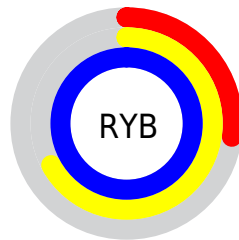
The Hex color **45FFDB** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF4569**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **8EFFFF**, and **00C5A4** is the 20% darker color. If you saturate the color by 10%, you get **2BFFD6**, and if you desaturate by 10%, it is **5EFFE0**.

Distribution



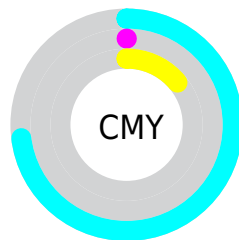
- Red (27%)
- Green (100%)
- Blue (86%)



- Red (27%)
- Yellow (67%)
- Blue (100%)



- Cyan (73%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (73%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 45FFDB

FFFFFF

 8EFFFF

 AEFFFF

 CEFFFF

 EEEFFF

 45FFDB

 00E2BF

 00C5A4

 00A98A

 008E70

 007358

 005A41

 00412B

 002A16

 000500

 45FFDB

 45FFDB

 2BFFD6

 5EFFE0

 12FFD1

 78FFE5

 00FFCE

 92FFEA

 ABFFEF

 C4FFF4

 DEFFF9

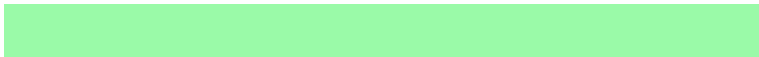
 F7FFFE

FFFFFF

Harmonies

Analogous

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



9AFAA8



45FFDB



00FFFF

Triad

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



45FFDB



DEDAFF



FFCD91

Complementary

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



45FFDB



FF4569

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.



FFBEBA



45FFDB



FFC7FF

Square

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



45FFDB



83ECFF



FFBBEE



FFDF7C

Rectangle

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



45FFDB



00BFFF



FFBBEE



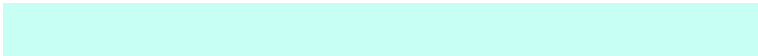
FFC79D

Sweetspot

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



45FFDB



C7FFF4



6AFF45



5E8079



000000



808080

Same Dimension

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



45FFDB



1FFFD4



45C7FF



73807D



00BF9A



004033

Inverse Universe

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



FF4569



FF1F4A



FF7D45



807375



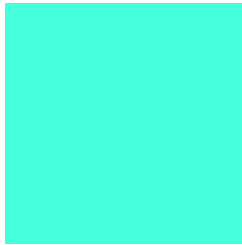
BF0025



40000C

Previews

White Background



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

Color Contrast Check

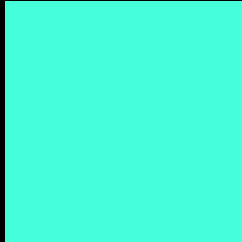
Large Text (above 18pt) WCAG AA × Fail

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 45FFDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

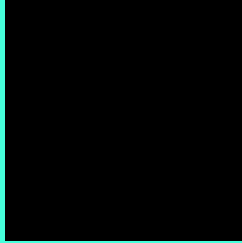
Any Text WCAG AA ✓ Pass

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 45FFDB Background



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

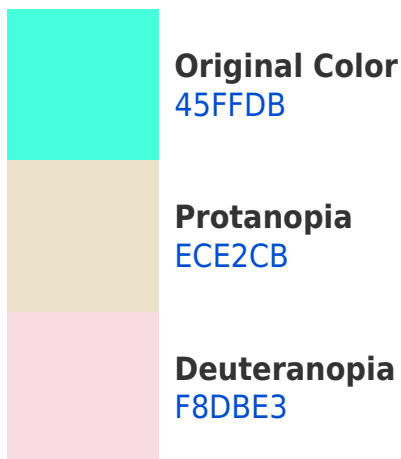


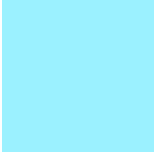
This preview shows how white text looks on a background with the Hex color 45FFDB.

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](#).

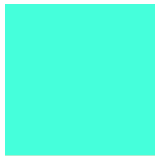
Dichromacy





Tritanopia
9BF1FF

Trichromacy



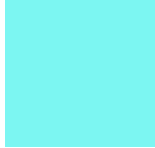
Original Color
45FFDB



Protanomaly
AFEDD1

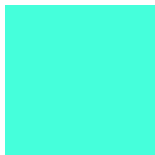


Deuteranomaly
B7E8E0

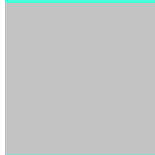


Tritanomaly
7CF6F2

Monochromacy



Original Color
45FFDB



Achromatopsia
C3C3C3



Achromatomaly
95D9CC

CSS Examples

Text

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

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

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 #45FFDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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