

Converting Colors

Hex(40FFDD)

Have a look what the booklet for
Hex(40FFDD) contains.

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Color

Hex(40FFDD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 40FFDD |
| RGB | 64, 255, 221 |
| RGB Percent | 25%, 100%, 87% |
| CMY | 0.7490, 0.0000, 0.1333 |
| CMYK | 0.75, 0.00, 0.13, 0.00 |
| HSL | 169°, 100%, 63% |
| HSV | 169°, 75%, 100% |
| XYZ | 50.9255, 77.8304, 80.7453 |
| YIQ | 194.0150, -102.9220, -51.0660 |

Conversions

Conversions Part 2

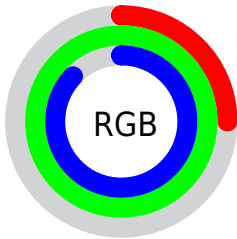
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 64, 169, 255 |
| Decimal | 4259805 |
| CIELab | 90.70, -53.82, 2.94 |
| CIELCh | 91, 53.902, 176.873 |
| Yxy | 77.8304, 0.2431, 0.3715 |
| Android (android.graphics.Color) | 4282449885 (0xFF40FFDD) |
| YUV | 194.0150, 13.3036, -114.0232 |
| Hunter-Lab | 88.2216, -51.3494, 7.4896 |

Details

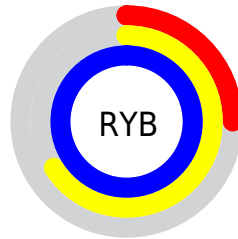
The Hex color **40FFDD** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF4062**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **8BFFFF**, and **00C5A6** is the 20% darker color. If you saturate the color by 10%, you get **26FFD8**, and if you desaturate by 10%, it is **5AFFE2**.

Distribution



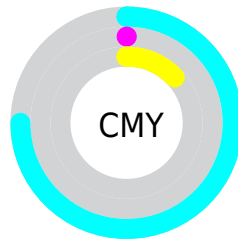
- Red (25%)
- Green (100%)
- Blue (87%)



- Red (25%)
- Yellow (66%)
- Blue (100%)



- Cyan (75%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (75%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40FFDD 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 40FFDD by changing the saturation by 10% instead.

 40FFDD

 40FFDD

FFFFFF

 00E2C1

 8BFFFF

 00C5A6

 ACFFFF

 00A98C

 CCFFFF

 008E72

 EBFFFF

 00735A

 005A42

 00412C

 002A18

 000500

 40FFDD

 40FFDD

 26FFD8

 5AFFE2

 0DFFD4

 73FFE6

 00FFD2

 8DFFEB

 A6FFE7

 C0FFF4

 D9FFF8

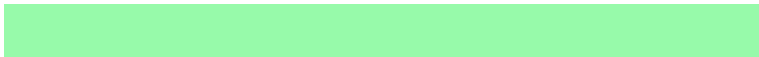
 F3FFFD

FFFFFF

Harmonies

Analogous

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



97FAAA



40FFDD



00FFFF

Triad

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



40FFDD



E1D9FF



FFCD8F

Complementary

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



40FFDD



FF4062

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.



FFBEB8



40FFDD



FFC6FF

Square

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



40FFDD



87EBFF



FFBBEC



FFE07C

Rectangle

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



40FFDD



00BFFF



FFBBEC



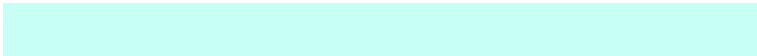
FFC79B

Sweetspot

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



40FFDD



C7FFF5



63FF40



5E807A



000000



808080

Same Dimension

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



40FFDD



19FFD6



40C3FF



73807D



00BF9D



004034

Inverse Universe

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



FF4062



FF1942



FF7C40



807375



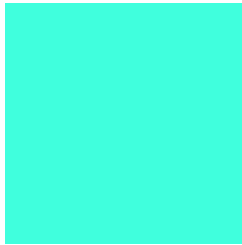
BF0022



40000B

Previews

White Background



This preview shows how the Hex color 40FFDD looks on a white background.

Color Contrast Check

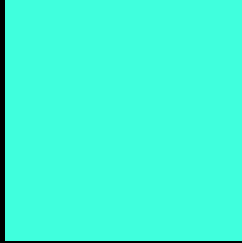
Large Text (above 18pt) WCAG AA × Fail

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 40FFDD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

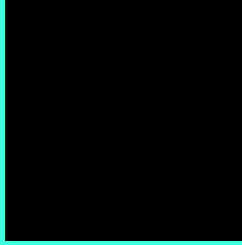
Any Text WCAG AA ✓ Pass

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 40FFDD Background



This preview shows how black text looks on a background with the Hex color 40FFDD.

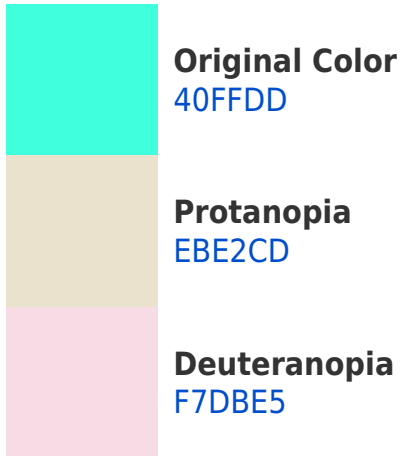


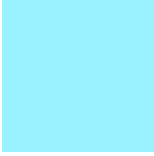
This preview shows how white text looks on a background with the Hex color 40FFDD.

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](#).

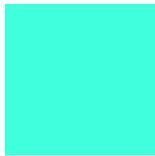
Dichromacy





Tritanopia
9AF1FF

Trichromacy



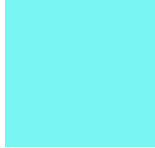
Original Color
40FFDD



Protanomaly
AEDDD3



Deuteranomaly
B4E8E2

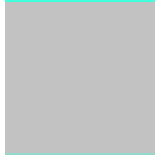


Tritanomaly
79F6F3

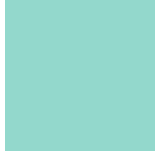
Monochromacy



Original Color
40FFDD



Achromatopsia
C2C2C2



Achromatomaly
93D8CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 40FFDD 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 #40FFDD looks like.

```
.text, #text, p{  
    color:#40FFDD  
}
```

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 #40FFDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40FFDD
}
```

Border

The CSS property to change the border of an element to Hex 40FFDD 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
#40FFDD }
```

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

```
.border{ border-color:#40FFDD }
```

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

Here you see how a box with a 4 pixel #40FFDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40FFDD; -webkit-box-shadow:4px 4px  
4px 4px #40FFDD; box-shadow:4px 4px 4px  
4px #40FFDD }
```

Background

The CSS property to change the background color of an element to Hex 40FFDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40FFDD }
```

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

```
.background{ background-color:#40FFDD }
```

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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