

Converting Colors

Hex(42FFDE)

Have a look what the booklet for
Hex(42FFDE) contains.

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Color

Hex(42FFDE)

Conversions

Conversions Part 1

Format	Color
Hex	42FFDE
RGB	66, 255, 222
RGB Percent	26%, 100%, 87%
CMY	0.7412, 0.0000, 0.1294
CMYK	0.74, 0.00, 0.13, 0.00
HSL	170°, 100%, 63%
HSV	170°, 74%, 100%
XYZ	51.1916, 77.9522, 81.4554
YIQ	194.7270, -102.0510, -50.3310

Conversions

Conversions Part 2

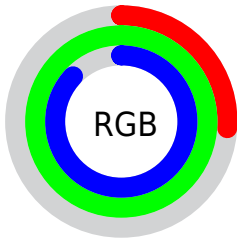
Format	Color
RYB	66, 170, 255
Decimal	4390878
CIELab	90.76, -53.36, 2.51
CIElCh	91, 53.414, 177.310
Yxy	77.9522, 0.2431, 0.3701
Android (android.graphics.Color)	4282580958 (0xFF42FFDE)
YUV	194.7270, 13.4456, -112.8936
Hunter-Lab	88.2905, -51.0126, 7.1034

Details

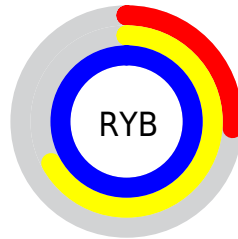
The Hex color **42FFDE** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF4263**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **8CFFFF**, and **00C5A7** is the 20% darker color. If you saturate the color by 10%, you get **28FFDA**, and if you desaturate by 10%, it is **5BFFE2**.

Distribution



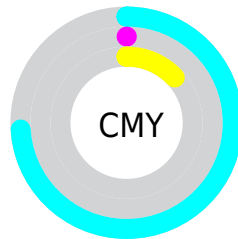
- Red (26%)
- Green (100%)
- Blue (87%)



- Red (26%)
- Yellow (67%)
- Blue (100%)



- Cyan (74%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (74%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42FFDE 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 42FFDE by changing the saturation by 10% instead.

 42FFDE

 42FFDE

FFFFFF

 00E2C2

 8CFFFF

 00C5A7

 ADFFFF

 00A98D

 CDFFFF

 008E73

 ECFFFF

 00745B

 005A43

 00412D

 002A19

 000500

 42FFDE

 42FFDE

 28FFDA

 5BFFE2

 0FFFD5

 75FFE7

 00FFD2

 8FFFE8

 A8FFF0

 C2FFF4

 DBFFF9

 F4FFFD

FFFFFF

Harmonies

Analogous

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



98FAAB



42FFDE



00FFFF

Triad

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



42FFDE



E3D9FF



FFCE90

Complementary

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



42FFDE



FF4263

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.



FFBFB8



42FFDE



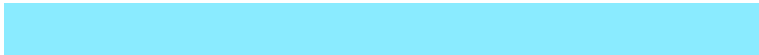
FFC6FF

Square

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



42FFDE



8AEBFF



FFBCEB



FFE07D

Rectangle

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



42FFDE



00BFFF



FFBCEB



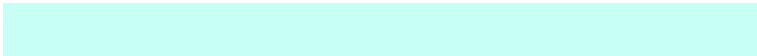
FFC89B

Sweetspot

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



42FFDE



C7FFF5



65FF42



5E807A



000000



808080

Same Dimension

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



42FFDE



1CFFD7



42C3FF



73807D



00BF9E



004035

Inverse Universe

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



FF4263



FF1C44



FF7E42



807375



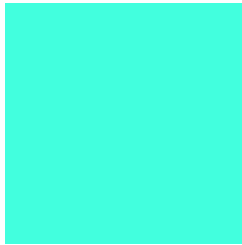
BF0021



40000B

Previews

White Background



This preview shows how the Hex color 42FFDE looks on a white background.

Color Contrast Check

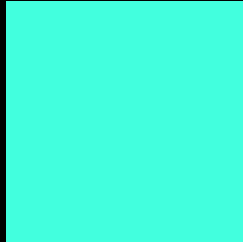
Large Text (above 18pt) WCAG AA × Fail

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 42FFDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

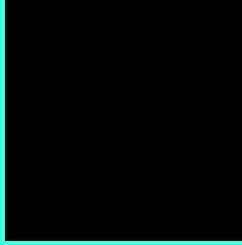
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

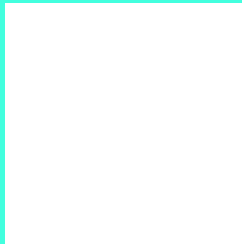
Any Text WCAG AAA ✓ Pass

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

Hex 42FFDE Background



This preview shows how black text looks on a background with the Hex color 42FFDE.



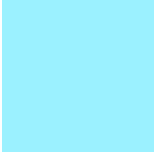
This preview shows how white text looks on a background with the Hex color 42FFDE.

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



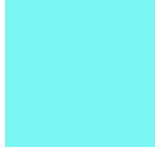
Original Color
42FFDE



Protanomaly
AEEDD4



Deuteranomaly
B5E8E3

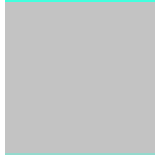


Tritanomaly
7BF6F3

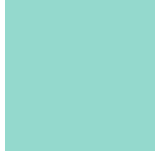
Monochromacy



Original Color
42FFDE



Achromatopsia
C3C3C3



Achromatomaly
94D9CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 42FFDE 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 #42FFDE looks like.

```
.text, #text, p{  
    color:#42FFDE  
}
```

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 #42FFDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42FFDE
}
```

Border

The CSS property to change the border of an element to Hex 42FFDE 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
#42FFDE }
```

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

```
.border{ border-color:#42FFDE }
```

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

Here you see how a box with a 4 pixel #42FFDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42FFDE; -webkit-box-shadow:4px 4px  
4px 4px #42FFDE; box-shadow:4px 4px 4px  
4px #42FFDE }
```

Background

The CSS property to change the background color of an element to Hex 42FFDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42FFDE }
```

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

```
.background{ background-color:#42FFDE }
```

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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