

Converting Colors

Hex(42DFFF)

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

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Color

Hex(42DFFF)

Conversions

Conversions Part 1

Format	Color
Hex	42DFFF
RGB	66, 223, 255
RGB Percent	26%, 87%, 100%
CMY	0.7412, 0.1255, 0.0000
CMYK	0.74, 0.13, 0.00, 0.00
HSL	190°, 100%, 63%
HSV	190°, 74%, 100%
XYZ	46.6844, 61.1536, 103.9510
YIQ	179.7050, -103.8440, -23.3320

Conversions

Conversions Part 2

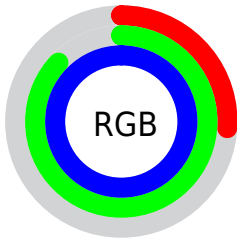
Format	Color
R _{YB}	66, 152, 255
Decimal	4382719
CIE _{Lab}	82.46, -29.90, -27.17
CIE _{LCh}	82, 40.403, 222.263
Y _{xy}	61.1536, 0.2204, 0.2887
Android (android.graphics.Color)	4282572799 (0xFF42DFFF)
Y _{UV}	179.7050, 37.1204, -99.7193
Hunter-Lab	78.2008, -30.2901, -24.0727

Details

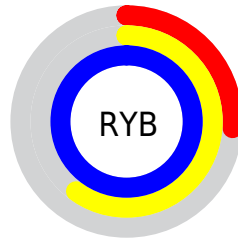
The Hex color **42DFFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6242**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **8BFFFF**, and **00A7C6** is the 20% darker color. If you saturate the color by 10%, you get **28DBFF**, and if you desaturate by 10%, it is **5BE3FF**.

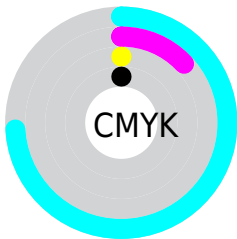
Distribution



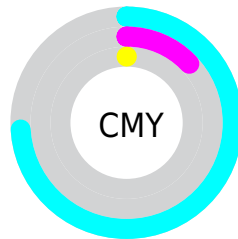
- Red (26%)
- Green (87%)
- Blue (100%)



- Red (26%)
- Yellow (60%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 42DFFF

FFFFFF

 8BFFFF

 ACFFFF

 CBFFFF

 EBFFFF

 42DFFF

 00C3E2

 00A7C6

 008DAB

 007390

 005A77

 00425E

 002B46

 001230

 00011A

 42DFFF

 42DFFF

 28DBFF

 5BE3FF

 0FD6FF

 75E8FF

 00D4FF

 8FECFF

 A8F0FF

 C2F5FF

 DBF9FF

 F4FDFF

FFFFFF

Harmonies

Analogous

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



50E2DC



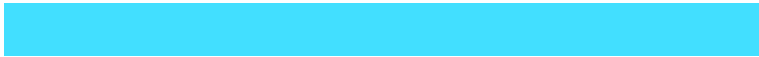
42DFFF



73D7FF

Triad

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



42DFFF



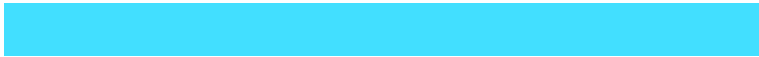
FFB3E5



D7D082

Complementary

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



42DFFF



FF6242

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.



FAC385



42DFFF



FFB0BF

Square

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



42DFFF



E6BEFF



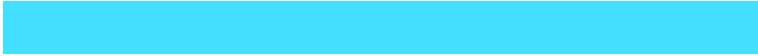
FFB79C



ADDA94

Rectangle

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



42DFFF



9DD0FF



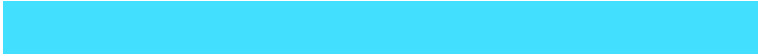
FFB79C



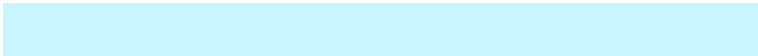
E4CC81

Sweetspot

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



42DFFF



C7F6FF



42FF61



5E7A80



000000



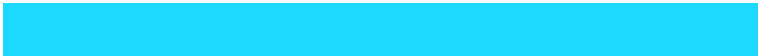
808080

Same Dimension

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



42DFFF



1CD9FF



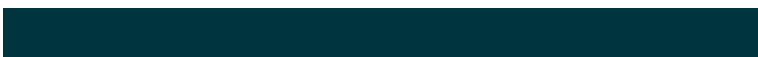
4281FF



737D80



009FBF



003540

Inverse Universe

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



FF42DF



FF1CD9



FFC042



80737D



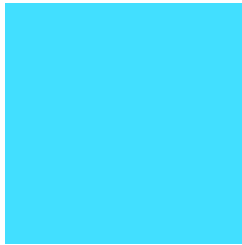
BF009F



400035

Previews

White Background



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

Color Contrast Check

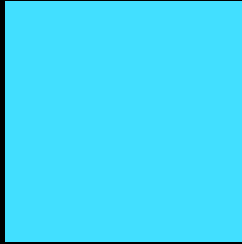
Large Text (above 18pt) WCAG AA × Fail

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 42DFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

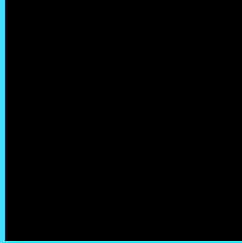
Any Text WCAG AA ✓ Pass

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 42DFFF Background



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

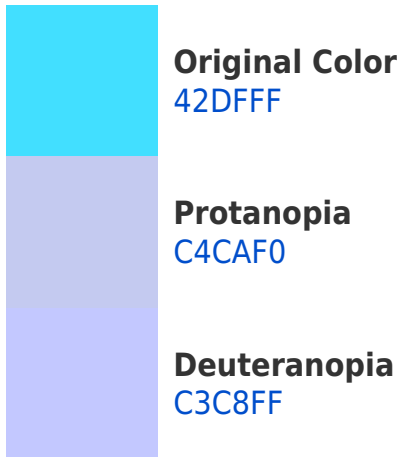


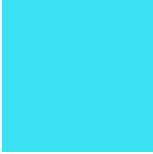
This preview shows how white text looks on a background with the Hex color 42DFFF.

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
39E1F3

Trichromacy



Original Color
42DFFF



Protanomaly
95D2F5



Deuteranomaly
94D0FF

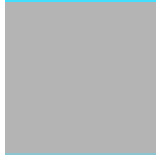


Tritanomaly
3CE0F7

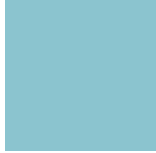
Monochromacy



Original Color
42DFFF



Achromatopsia
B4B4B4



Achromatomaly
8BC4CF

CSS Examples

Text

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

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

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 #42DFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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