

Converting Colors

Hex(42DAFF)

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

Hex(42DAFF)	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(42DAFF)

Conversions

Conversions Part 1

Format	Color
Hex	42DAFF
RGB	66, 218, 255
RGB Percent	26%, 85%, 100%
CMY	0.7412, 0.1451, 0.0000
CMYK	0.74, 0.15, 0.00, 0.00
HSL	192°, 100%, 63%
HSV	192°, 74%, 100%
XYZ	45.3682, 58.5211, 103.5123
YIQ	176.7700, -102.4690, -20.7170

Conversions

Conversions Part 2

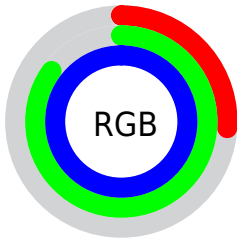
Format	Color
R _{YB}	66, 150, 255
Decimal	4381439
CIE Lab	81.03, -27.46, -29.37
CIE LCh	81, 40.209, 226.917
Yxy	58.5211, 0.2187, 0.2822
Android (android.graphics.Color)	4282571519 (0xFF42DAFF)
YUV	176.7700, 38.5674, -97.1453
Hunter-Lab	76.4991, -28.0130, -26.6770

Details

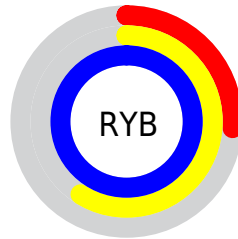
The Hex color **42DAFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6742**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **8BFFFF**, and **00A3C6** is the 20% darker color. If you saturate the color by 10%, you get **28D5FF**, and if you desaturate by 10%, it is **5BDFFF**.

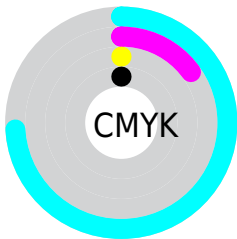
Distribution



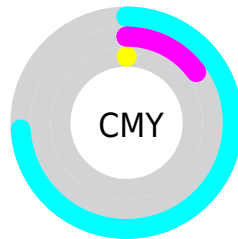
- Red (26%)
- Green (85%)
- Blue (100%)



- Red (26%)
- Yellow (59%)
- Blue (100%)



- Cyan (74%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (74%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 42DAFF

 42DAFF

FFFFFF

 00BEE2

 8BFFFF

 00A3C6

 ABFFFF

 0088AB

 CBFFFF

 006F90

 EAFFFF

 005676

 003E5E

 002846

 000B2F

 00011A

■ 42DAFF

■ 42DAFF

■ 28D5FF

■ 5BDFFF

■ 0FD0FF

■ 75E4FF

■ 00CDFF

■ 8FE9FF

■ A8EEFF

■ C2F3FF

■ DBF8FF

■ F4FDFF

FFFFFF

Harmonies

Analogous

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



46DDDE



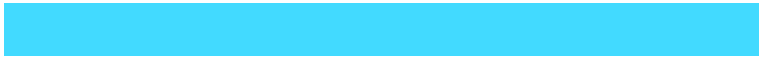
42DAFF



79D2FF

Triad

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



42DAFF



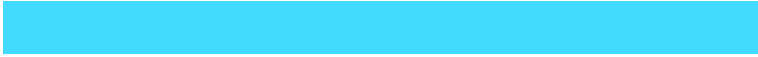
FFAEDB



CDCE80

Complementary

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



42DAFF



FF6742

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.



F1C180



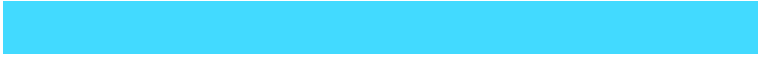
42DAFF



FFADB5

Square

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



42DAFF



E8B8FD



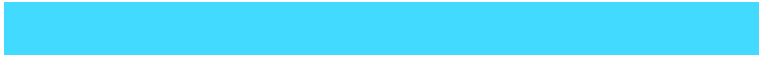
FFB594



A2D795

Rectangle

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



42DAFF



A2CAFF



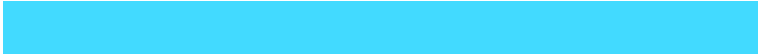
FFB594



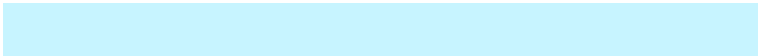
DACA7E

Sweetspot

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



42DAFF



C7F4FF



42FF65



5E7980



000000



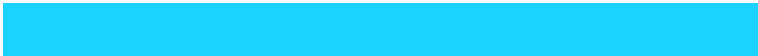
808080

Same Dimension

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



42DAFF



1CD3FF



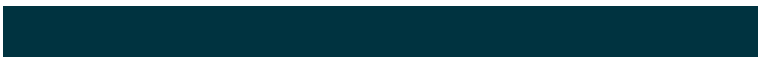
427EFF



737D80



009ABF



003340

Inverse Universe

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



FF42DA



FF1CD3



FFC342



80737D



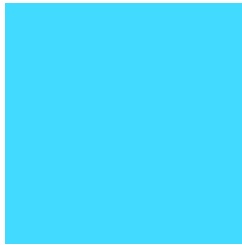
BF009A



400033

Previews

White Background



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

Color Contrast Check

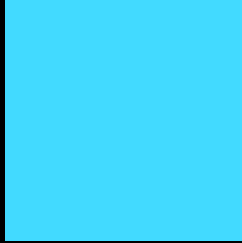
Large Text (above 18pt) WCAG AA × Fail

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 42DAFF 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 42DAFF Background



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

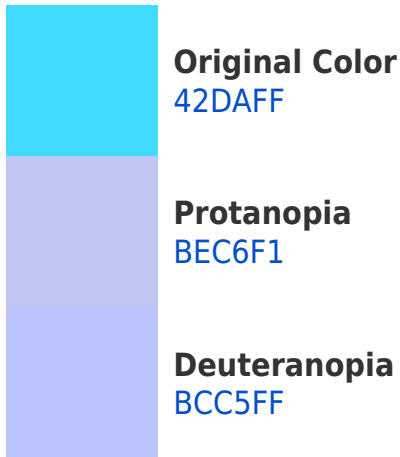


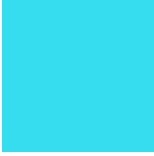
This preview shows how white text looks on a background with the Hex color 42DAFF.

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](#).

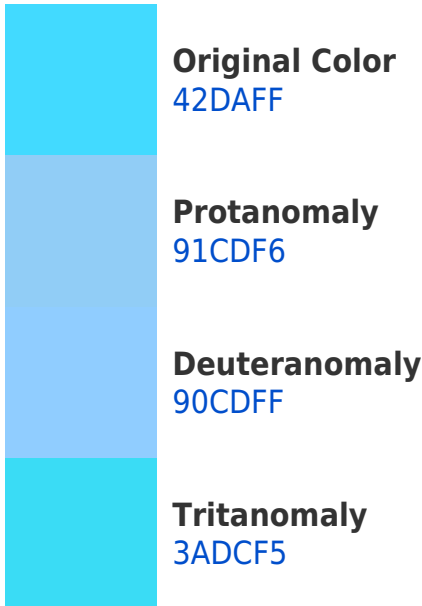
Dichromacy



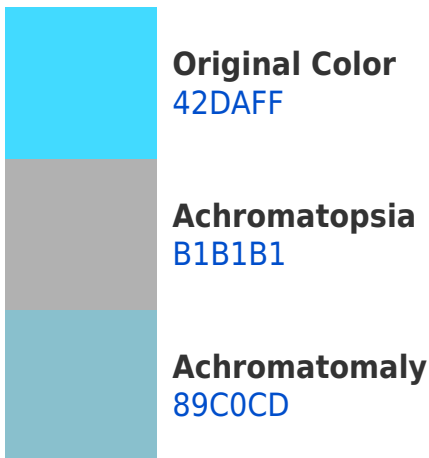


Tritanopia
35DDEF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #42DAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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