

Converting Colors

Hex(42F7FF)

Have a look what the booklet for
Hex(42F7FF) contains.

Hex(42F7FF)	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(42F7FF)

Conversions

Conversions Part 1

Format	Color
Hex	42F7FF
RGB	66, 247, 255
RGB Percent	26%, 97%, 100%
CMY	0.7412, 0.0314, 0.0000
CMYK	0.74, 0.03, 0.00, 0.00
HSL	183°, 100%, 63%
HSV	183°, 74%, 100%
XYZ	53.5575, 74.8998, 106.2421
YIQ	193.7930, -110.4440, -35.8840

Conversions

Conversions Part 2

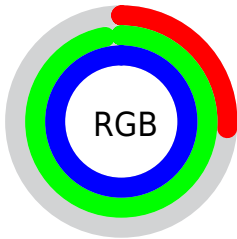
Format	Color
RYB	66, 158, 255
Decimal	4388863
CIELab	89.35, -41.10, -16.74
CIELCh	89, 44.374, 202.161
Yxy	74.8998, 0.2282, 0.3191
Android (android.graphics.Color)	4282578943 (0xFF42F7FF)
YUV	193.7930, 30.1751, -112.0745
Hunter-Lab	86.5447, -40.9897, -12.2030

Details

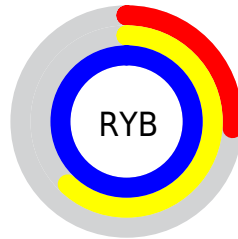
The Hex color **42F7FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF4A42**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **8EFFFF**, and **00BEC6** is the 20% darker color. If you saturate the color by 10%, you get **28F6FF**, and if you desaturate by 10%, it is **5BF8FF**.

Distribution



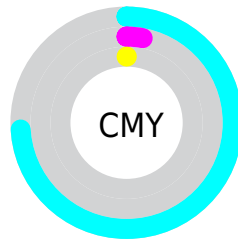
- Red (26%)
- Green (97%)
- Blue (100%)



- Red (26%)
- Yellow (62%)
- Blue (100%)



- Cyan (74%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (74%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42F7FF 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 42F7FF by changing the saturation by 10% instead.

 42F7FF

 42F7FF

FFFFFF

 00DAE2

 8EFFFF

 00BEC6

 AFFFFFFF

 00A2AB

 CFFFFFFF

 008891

 EFFFFFFF

 006E77

 00555E

 003C47

 002830

 00021C

 42F7FF

 42F7FF

 28F6FF

 5BF8FF

 0FF5FF

 75F9FF

 00F4FF

 8FFAFF

 A8FBFF

 C2FCFF

 DBFDFF

 F4FFFF

FFFFFF

Harmonies

Analogous

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



76F7D4



42F7FF



4DF2FF

Triad

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



42F7FF



FFCBFF



FFDA8C

Complementary

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



42F7FF



FF4A42

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.



FFCC9F



42F7FF



FFC1ED

Square

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



42F7FF



D6DAFF



FFC1C3



DDE891

Rectangle

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



42F7FF



7AECFF



FFC1C3



FFD590

Sweetspot

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



42F7FF



C7DFFF



42FF48



5E7E80



000000



808080

Same Dimension

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



42F7FF



1CF5FF



429AFF



737F80



00B7BF



003D40

Inverse Universe

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



FF42F7



FF1CF5



FFA742



80737F



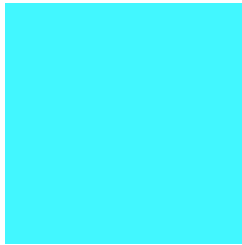
BF00B7



40003D

Previews

White Background



This preview shows how the Hex color 42F7FF looks on a white background.

Color Contrast Check

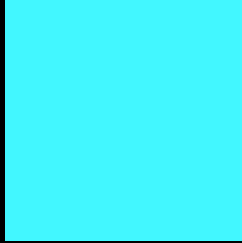
Large Text (above 18pt) WCAG AA × Fail

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 42F7FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

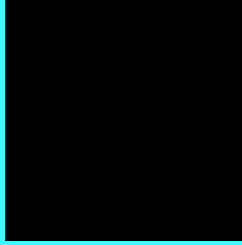
Any Text WCAG AA ✓ Pass

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 42F7FF Background



This preview shows how black text looks on a background with the Hex color 42F7FF.

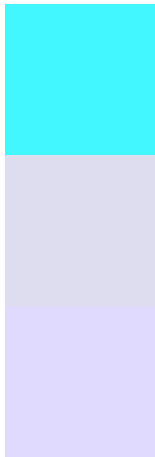


This preview shows how white text looks on a background with the Hex color 42F7FF.

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](#).

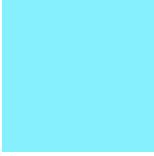
Dichromacy



Original Color
42F7FF

Protanopia
DEDDEF

Deuteranopia
E1DAFF

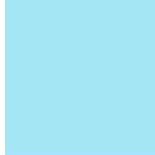


Tritanopia
86F0FF

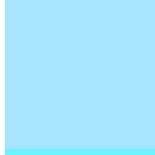
Trichromacy



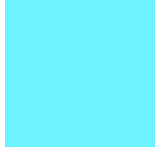
Original Color
42F7FF



Protanomaly
A5E6F5



Deuteranomaly
A7E5FF

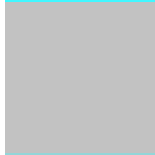


Tritanomaly
6DF3FF

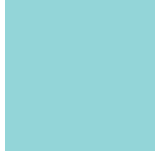
Monochromacy



Original Color
42F7FF



Achromatopsia
C2C2C2



Achromatomaly
93D5D8

CSS Examples

Text

The CSS property to change the color of the text to Hex 42F7FF 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 #42F7FF looks like.

```
.text, #text, p{  
    color:#42F7FF  
}
```

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 #42F7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42F7FF
}
```

Border

The CSS property to change the border of an element to Hex 42F7FF 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
#42F7FF }
```

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

```
.border{ border-color:#42F7FF }
```

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

Here you see how a box with a 4 pixel #42F7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42F7FF; -webkit-box-shadow:4px 4px  
4px 4px #42F7FF; box-shadow:4px 4px 4px  
4px #42F7FF }
```

Background

The CSS property to change the background color of an element to Hex 42F7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42F7FF }
```

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

```
.background{ background-color:#42F7FF }
```

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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