

Converting Colors

Hex(42FFF9)

Have a look what the booklet for
Hex(42FFF9) contains.

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Color

Hex(42FFF9)

Conversions

Conversions Part 1

Format	Color
Hex	42FFF9
RGB	66, 255, 249
RGB Percent	26%, 100%, 98%
CMY	0.7412, 0.0000, 0.0235
CMYK	0.74, 0.00, 0.02, 0.00
HSL	178°, 100%, 63%
HSV	178°, 74%, 100%
XYZ	55.1056, 79.5178, 102.0666
YIQ	197.8050, -110.7180, -41.9340

Conversions

Conversions Part 2

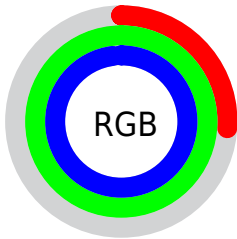
Format	Color
RYB	66, 162, 255
Decimal	4390905
CIELab	91.47, -46.30, -10.45
CIELCh	91, 47.465, 192.714
Yxy	79.5178, 0.2328, 0.3360
Android (android.graphics.Color)	4282580985 (0xFF42FFF9)
YUV	197.8050, 25.2391, -115.5930
Hunter-Lab	89.1728, -45.7456, -5.4421

Details

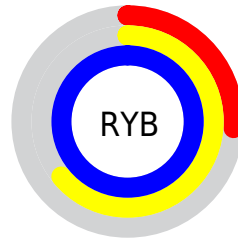
The Hex color **42FFF9** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF4248**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **8EFFFF**, and **00C5C1** is the 20% darker color. If you saturate the color by 10%, you get **28FFF8**, and if you desaturate by 10%, it is **5BFFFA**.

Distribution



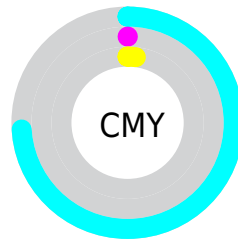
- Red (26%)
- Green (100%)
- Blue (98%)



- Red (26%)
- Yellow (64%)
- Blue (100%)



- Cyan (74%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (74%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42FFF9 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 42FFF9 by changing the saturation by 10% instead.

 42FFF9

 42FFF9

FFFFFF

 00E2DC

 8EFFFF

 00C5C1

 AFFFFFF

 00AAA6

 CFFFFFF

 008F8B

 EFFFFFF

 007472

 005B59

 004242

 002C2C

 000B18

 42FFF9

 42FFF9

 28FFF8

 5BFFFA

 0FFFF7

 75FFFB

 00FFF7

 8FFFFB

 A8FFFC

 C2FFFD

 DBFFFE

 F4FFFF

FFFFFF

Harmonies

Analogous

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



85FDCA



42FFF9



22FCFF

Triad

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



42FFF9



FFD4FF



FFDB90

Complementary

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



42FFF9



FF4248

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.



FFCCAB



42FFF9



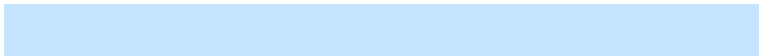
FFC6FF

Square

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



42FFF9



C4E4FF



FFC3D5



F1EA8C

Rectangle

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



42FFF9



59F6FF



FFC3D5



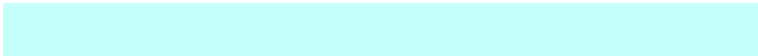
FFD597

Sweetspot

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



42FFF9



C7FFFD



48FF42



5E807E



000000



808080

Same Dimension

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



42FFF9



1CFFF8



42A7FF



73807F



00BFB9



00403E

Inverse Universe

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



FF4248



FF1C23



FF9A42



807373



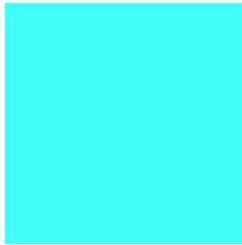
BF0006



400002

Previews

White Background



This preview shows how the Hex color 42FFF9 looks on a white background.

Color Contrast Check

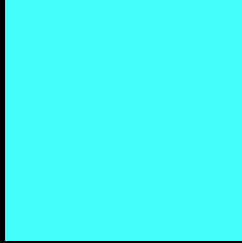
Large Text (above 18pt) WCAG AA × Fail

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 42FFF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

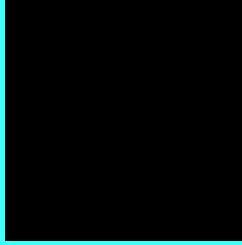
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

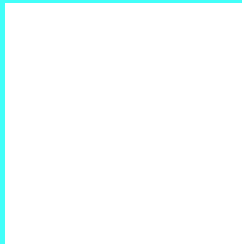
Any Text WCAG AAA ✓ Pass

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

Hex 42FFF9 Background



This preview shows how black text looks on a background with the Hex color 42FFF9.

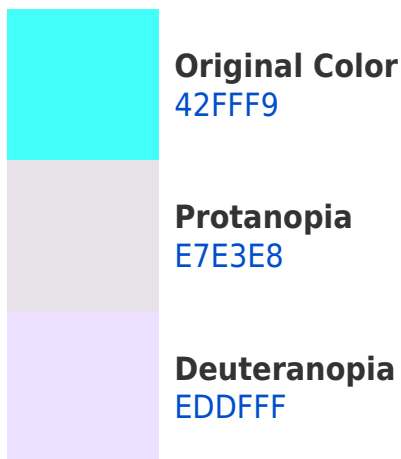


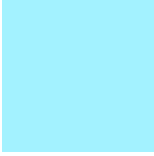
This preview shows how white text looks on a background with the Hex color 42FFF9.

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



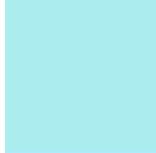


Tritanopia
A3F2FF

Trichromacy



Original Color
42FFF9



Protanomaly
ABEDEE

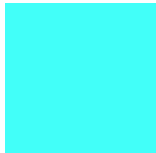


Deuteranomaly
AFEbfd

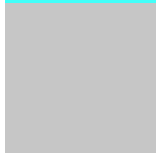


Tritanomaly
80F7FD

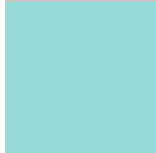
Monochromacy



Original Color
42FFF9



Achromatopsia
C6C6C6



Achromatomaly
96DBD9

CSS Examples

Text

The CSS property to change the color of the text to Hex 42FFF9 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 #42FFF9 looks like.

```
.text, #text, p{  
    color:#42FFF9  
}
```

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 #42FFF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42FFF9
}
```

Border

The CSS property to change the border of an element to Hex 42FFF9 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
#42FFF9 }
```

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

```
.border{ border-color:#42FFF9 }
```

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

Here you see how a box with a 4 pixel #42FFF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42FFF9; -webkit-box-shadow:4px 4px  
4px 4px #42FFF9; box-shadow:4px 4px 4px  
4px #42FFF9 }
```

Background

The CSS property to change the background color of an element to Hex 42FFF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42FFF9 }
```

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

```
.background{ background-color:#42FFF9 }
```

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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