

# Converting Colors

Hex(47FEFE)

Have a look what the booklet for  
Hex(47FEFE) contains.

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# Color

**Hex(47FEFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47FEFE
RGB	71, 254, 254
RGB Percent	28%, 100%, 100%
CMY	0.7216, 0.0039, 0.0039
CMYK	0.72, 0.00, 0.00, 0.00
HSL	180°, 99%, 64%
HSV	180°, 72%, 100%
XYZ	55.9297, 79.3790, 106.1398
YIQ	199.2830, -109.0680, -38.7960

# Conversions

## Conversions Part 2

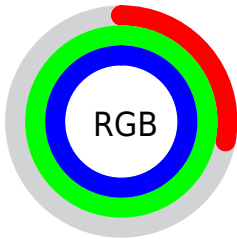
Format	Color
<a href="#">RYB</a>	71, 163, 254
Decimal	4718334
CIELab	91.41, -43.96, -13.12
CIELCh	91, 45.881, 196.622
Yxy	79.3790, 0.2316, 0.3288
Android (android.graphics.Color)	4282908414 (0xFF47FEFE)
YUV	199.2830, 26.9755, -112.5042
Hunter-Lab	89.0949, -43.8618, -8.2665

# Details

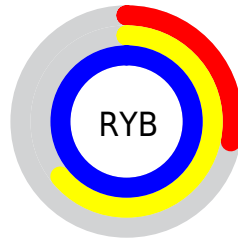
The Hex color **47FEFE** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FE4747**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **91FFFF**, and **00C5C5** is the 20% darker color. If you saturate the color by 10%, you get **2EFEFE**, and if you desaturate by 10%, it is **60FEFE**.

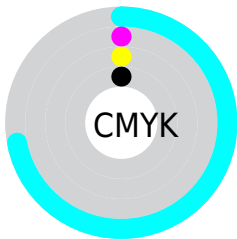
# Distribution



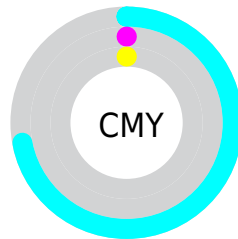
- Red (28%)
- Green (100%)
- Blue (100%)



- Red (28%)
- Yellow (64%)
- Blue (100%)



- Cyan (72%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47FEFE 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 47FEFE by changing the saturation by 10% instead.



 47FEFE

 47FEFE

FFFFFF

 00E1E1

 91FFFF

 00C5C5

 B2FFFF

 00A9AA

 D2FFFF

 008E90

 F2FFFF

 007476

 005A5D

 004146

 002C30

 000B1B

 47FEFE

 47FEFE

 2EFEFE

 60FEFE

 14FEFE

 7AFEFE

 00FEFE

 93FEFE

 ADFEFE

 C6FEFE

 DFFEFE

 F9FEFE

 FFFEFE

# Harmonies

## Analogous

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



82FDD1



47FEFE



40FAFF

# Triad

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



47FEFE



FFD2FF



FFDD91

# Complementary

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



47FEFE



FE4747

# 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.



FFCEA8



47FEFE



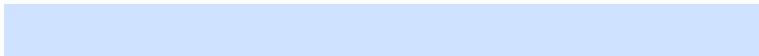
FFC6FC

# Square

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



47FEFE



CFE2FF



FFC5CF



EBEB91

# Rectangle

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



47FEFE



6CF4FF



FFC5CF



FFD896

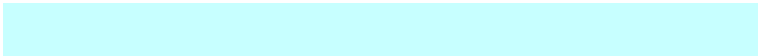


# Sweetspot

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



47FEFE



C7FFFF



47FE47



5E8080



000000



808080



# Same Dimension

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



47FEFE



24FFFF



47A3FE



738080



00BFBF



004040



# Inverse Universe

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



FE47FE



FF24FF



FEA347



807380



BF00BF

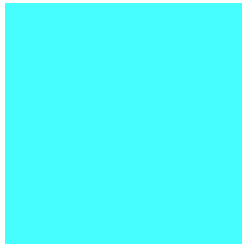


400040



# Previews

## White Background



This preview shows how the Hex color 47FEFE looks on a white background.

## Color Contrast Check

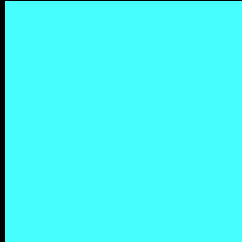
Large Text (above 18pt) WCAG AA × Fail

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 47FEFE 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 47FEFE Background



This preview shows how black text looks on a background with the Hex color 47FEFE.

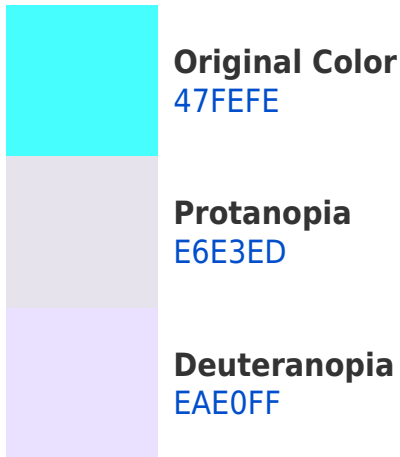


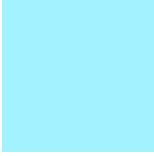
This preview shows how white text looks on a background with the Hex color 47FEFE.

# 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**  
A2F2FF

# Trichromacy



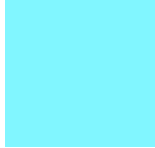
**Original Color**  
47FEFE



**Protanomaly**  
ACEDF3



**Deuteranomaly**  
AFE8FF

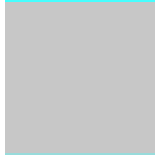


**Tritanomaly**  
81F6FF

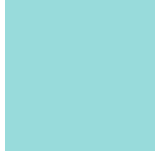
# Monochromacy



**Original Color**  
47FEFE



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
98DBDB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47FEFE 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 #47FEFE looks like.

```
.text, #text, p{  
    color:#47FEFE  
}
```

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 #47FEFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47FEFE
}
```

## Border

The CSS property to change the border of an element to Hex 47FEFE 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
#47FEFE }
```

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

```
.border{ border-color:#47FEFE }
```

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

Here you see how a box with a 4 pixel #47FEFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47FEFE; -webkit-box-shadow:4px 4px  
4px 4px #47FEFE; box-shadow:4px 4px 4px  
4px #47FEFE }
```

# Background

The CSS property to change the background color of an element to Hex 47FEFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47FEFE }
```

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

```
.background{ background-color:#47FEFE }
```

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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