

Converting Colors

Hex(47EFFF)

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

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Color

Hex(47EFFF)

Conversions

Conversions Part 1

Format	Color
Hex	47EFFF
RGB	71, 239, 255
RGB Percent	28%, 94%, 100%
CMY	0.7216, 0.0627, 0.0000
CMYK	0.72, 0.06, 0.00, 0.00
HSL	185°, 100%, 64%
HSV	185°, 72%, 100%
XYZ	51.5150, 70.2926, 105.4604
YIQ	190.5920, -105.2640, -30.6400

Conversions

Conversions Part 2

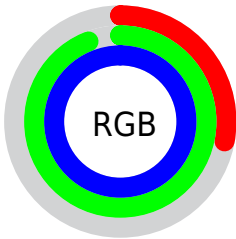
Format	Color
RYB	71, 159, 255
Decimal	4714495
CIELab	87.14, -36.91, -20.05
CIElCh	87, 42.003, 208.519
Yxy	70.2926, 0.2267, 0.3093
Android (android.graphics.Color)	4282904575 (0xFF47EFFF)
YUV	190.5920, 31.7531, -104.8822
Hunter-Lab	83.8407, -37.0437, -15.8905

Details

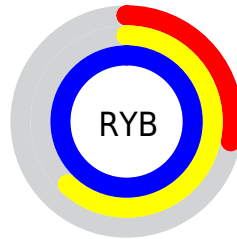
The Hex color **47EFFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF5747**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **90FFFF**, and **00B6C6** is the 20% darker color. If you saturate the color by 10%, you get **2EEDFF**, and if you desaturate by 10%, it is **61F1FF**.

Distribution



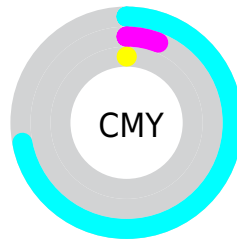
- Red (28%)
- Green (94%)
- Blue (100%)



- Red (28%)
- Yellow (62%)
- Blue (100%)



- Cyan (72%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 47EFFF

 47EFFF

FFFFFF

 00D2E2


 90FFFF

 00B6C6

 B0FFFF

 009BAB

 D0FFFF

 008190

 F0FFFF

 006777

 004E5E

 003746

 002230

 00011B

 47EFFF

 47EFFF

 2EEDFF

 61F1FF

 14EBFF

 7AF3FF

 00E9FF

 93F6FF

 ADF8FF

 C7FAFF

 E0FCFF

 FAFFFF

FFFFFF

Harmonies

Analogous

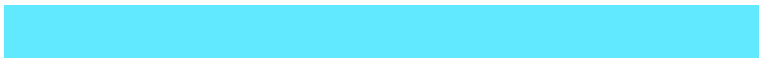
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6DF0D7



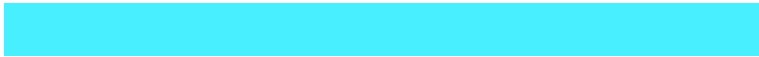
47EFFF



60E9FF

Triad

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



47EFFF



FFC3FF



F7D78A

Complementary

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



47EFFF



FF5747

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.



FFC997



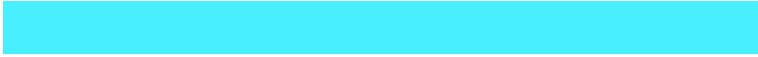
47EFFF



FFBCDE

Square

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



47EFFF



DCD1FF



FFBF66



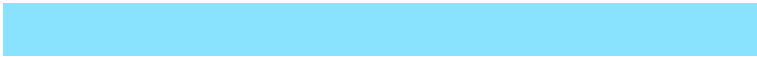
CEE393

Rectangle

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



47EFFF



89E3FF



FFBFB6



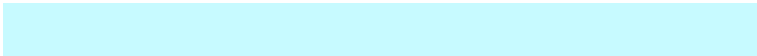
FFD38C

Sweetspot

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



47EFFF



C7FAFF



47FF56



5E7D80



000000



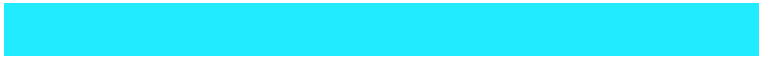
808080

Same Dimension

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



47EFFF



21ECFF



4794FF



737E80



00AFBF



003A40

Inverse Universe

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



FF47EF



FF21EC



FFB247



80737E



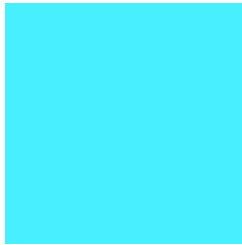
BF00AF



40003A

Previews

White Background



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

Color Contrast Check

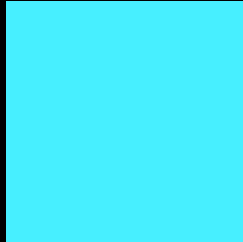
Large Text (above 18pt) WCAG AA × Fail

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 47EFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

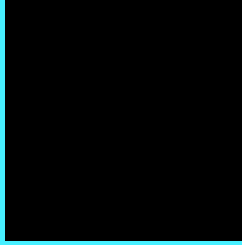
Any Text WCAG AA ✓ Pass

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 47EFFF Background



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

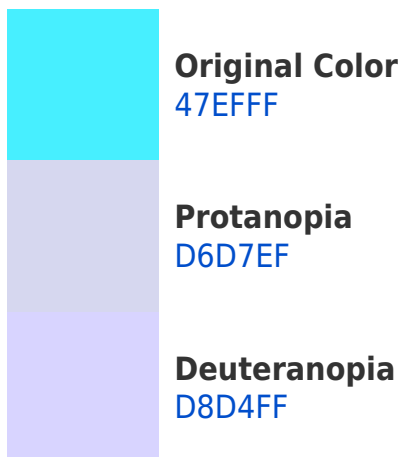


This preview shows how white text looks on a background with the Hex color 47EFFF.

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



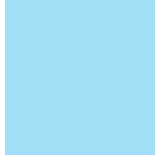


Tritanopia
5EEDFF

Trichromacy



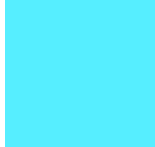
Original Color
47EFFF



Protanomaly
A2E0F5



Deuteranomaly
A3DEFF

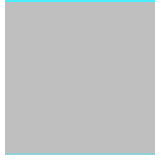


Tritanomaly
56EEFF

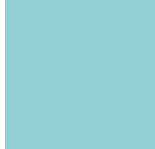
Monochromacy



Original Color
47EFFF



Achromatopsia
BFBFBF



Achromatomaly
93D0D6

CSS Examples

Text

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

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

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 #47EFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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