

Converting Colors

Hex(47EDFA)

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

Hex(47EDFA)	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(47EDFA)

Conversions

Conversions Part 1

Format	Color
Hex	47EDFA
RGB	71, 237, 250
RGB Percent	28%, 93%, 98%
CMY	0.7216, 0.0706, 0.0196
CMYK	0.72, 0.05, 0.00, 0.02
HSL	184°, 95%, 63%
HSV	184°, 72%, 98%
XYZ	50.1380, 68.8101, 101.0816
YIQ	188.8480, -103.1090, -31.1490

Conversions

Conversions Part 2

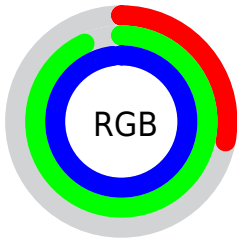
Format	Color
RYB	71, 157, 250
Decimal	4713978
CIELab	86.41, -37.42, -18.54
CIELCh	86, 41.762, 206.349
Yxy	68.8101, 0.2279, 0.3127
Android (android.graphics.Color)	4282904058 (0xFF47EDFA)
YUV	188.8480, 30.1479, -103.3527
Hunter-Lab	82.9518, -37.2762, -14.1820

Details

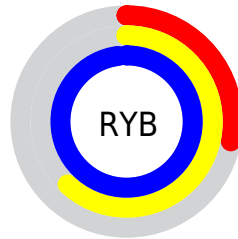
The Hex color **47EDFA** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FA5447**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **8FFFFFF**, and **00B5C2** is the 20% darker color. If you saturate the color by 10%, you get **2EEBFA**, and if you desaturate by 10%, it is **60EFFA**.

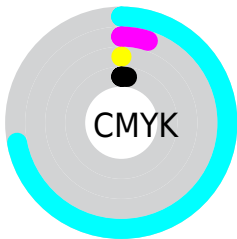
Distribution



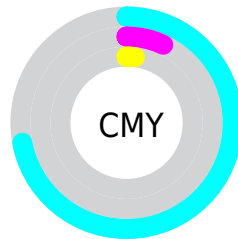
- Red (28%)
- Green (93%)
- Blue (98%)



- Red (28%)
- Yellow (62%)
- Blue (98%)



- Cyan (72%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (72%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 47EDFA

 47EDFA


FFFFFF

 00D0DD

 8FFFFFF

 00B5C2

 AFFFFFF

 0099A6

 CFFFFFF

 007F8C

 EFFFFFF

 006572

 004D5A

 003542

 00202C

 000118

 47EDFA

 47EDFA

 2EEBFA

 60EFFA

 15E9FA

 79F1FA

 00E8FA

 92F2FA

 ABF4FA

 C4F6FA

 DDF8FA

 F6FAFA

 FFFCFA

 FFFDFA

Harmonies

Analogous

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



6FEDD2



47EDFA



5BE8FF

Triad

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



47EDFA



FFC2FF



F7D489

Complementary

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



47EDFA



FA5447

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.



FFC798



47EDFA



FFBADF

Square

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



47EDFA



D6D0FF



FFBCB7



CFE090

Rectangle

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



47EDFA



83E1FF



FFBCB7



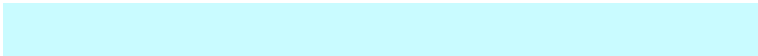
FFD08C

Sweetspot

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



47EDFA



C9FBFF



47FA53



607D80



000000



808080

Same Dimension

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



47EDFA



24EFFF



4795FA



707C7D



00AFBD



00393D

Inverse Universe

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



FA47ED



FF24EF



FAAC47



7D707C



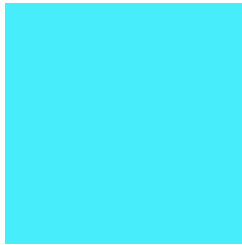
BD00AF



3D0039

Previews

White Background



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

Color Contrast Check

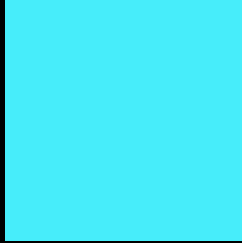
Large Text (above 18pt) WCAG AA × Fail

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 47EDFA 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 47EDFA Background



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

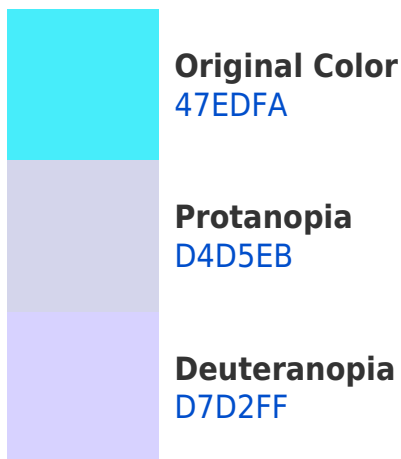


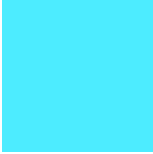
This preview shows how white text looks on a background with the Hex color 47EDFA.

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



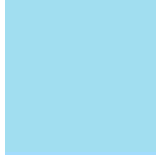


Tritanopia
4DECFF

Trichromacy



Original Color
47EDFA



Protanomaly
A1DEF0



Deuteranomaly
A3DCFD

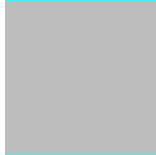


Tritanomaly
4BECFD

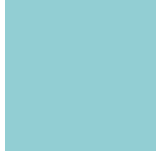
Monochromacy



Original Color
47EDFA



Achromatopsia
BDBDBD



Achromatomaly
92CED3

CSS Examples

Text

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

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

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 #47EDFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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