

Converting Colors

Hex(47FFAF)

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

Hex(47FFAF)	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(47FFAF)

Conversions

Conversions Part 1

Format	Color
Hex	47FFAF
RGB	71, 255, 175
RGB Percent	28%, 100%, 69%
CMY	0.7216, 0.0000, 0.3137
CMYK	0.72, 0.00, 0.31, 0.00
HSL	154°, 100%, 64%
HSV	154°, 72%, 100%
XYZ	46.0964, 75.9547, 52.7886
YIQ	190.8640, -83.9840, -63.8880

Conversions

Conversions Part 2

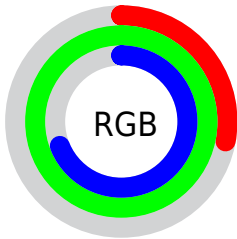
Format	Color
RYB	71, 189, 255
Decimal	4718511
CIELab	89.84, -63.36, 25.36
CIELCh	90, 68.250, 158.185
Yxy	75.9547, 0.2636, 0.4344
Android (android.graphics.Color)	4282908591 (0xFF47FFAF)
YUV	190.8640, -7.8210, -105.1207
Hunter-Lab	87.1520, -58.1039, 25.0940

Details

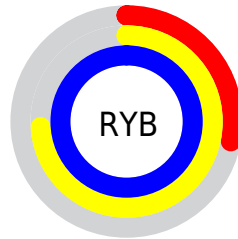
The Hex color **47FFAF** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **FF4797**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **8EFFE7**, and **00C57A** is the 20% darker color. If you saturate the color by 10%, you get **2EFFA4**, and if you desaturate by 10%, it is **61FFBA**.

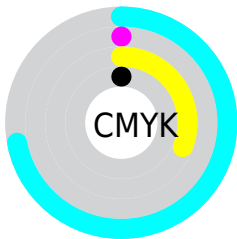
Distribution



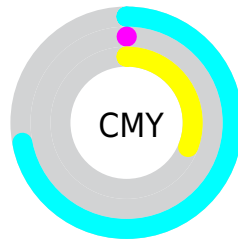
- Red (28%)
- Green (100%)
- Blue (69%)



- Red (28%)
- Yellow (74%)
- Blue (100%)



- Cyan (72%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (72%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 47FFAF

 47FFAF

FFFFFF

 05E294

 8EFFE7

 00C57A

 AEFFFF

 00A961

 CDFFFF

 008D49

 EDFFFF

 007331

 00591B

 003F03

 002700

 000000

 47FFAF

 47FFAF

 2EFFA4

 61FFBA

 14FF99

 7AFFC5

 00FF90

 93FFD0

 ADFFD B

 C7FFE6

 E0FFF2

 FAFFFD

FFFFFF

Harmonies

Analogous

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



B0F576



47FFAF



00FF2

Triad

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



47FFAF



8CE3FF



FFB595

Complementary

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



47FFAF



FF4797

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.



FFA9D2



47FFAF



FEC9FF

Square

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



47FFAF



00F6FF



FFB1FF



FFCD67

Rectangle

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



47FFAF



00FFFF



FFB1FF



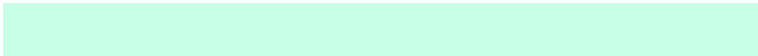
FFAFA8

Sweetspot

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



47FFAF



C7FFE7



9AFF47



5E8071



000000



808080

Same Dimension

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



47FFAF



21FF9F



47F6FF



73807A



00BF6C



004024

Inverse Universe

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



FF4797



FF2182



FF5047



807378



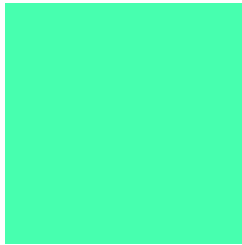
BF0053



40001C

Previews

White Background



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

Color Contrast Check

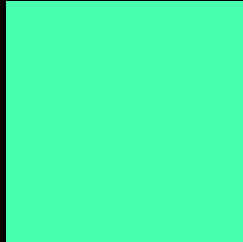
Large Text (above 18pt) WCAG AA × Fail

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 47FFAF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

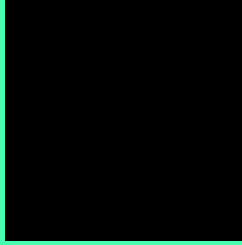
Any Text WCAG AA ✓ Pass

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 47FFAF Background



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

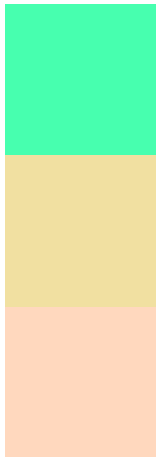


This preview shows how white text looks on a background with the Hex color 47FFAF.

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](#).

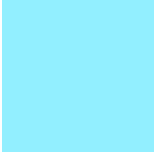
Dichromacy



Original Color
47FFAF

Protanopia
F1E0A1

Deuteranopia
FFD8BE



Tritanopia
92EFFF

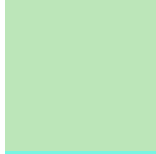
Trichromacy



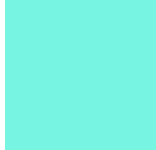
Original Color
47FFAF



Protanomaly
B3EBA6

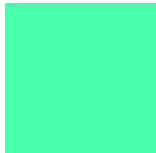


Deuteranomaly
BCE6B9

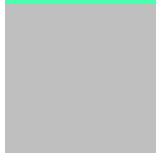


Tritanomaly
77F5E2

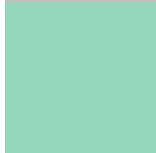
Monochromacy



Original Color
47FFAF



Achromatopsia
BFBFBF



Achromatomaly
93D6B9

CSS Examples

Text

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

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

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 #47FFAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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