

# Converting Colors

Hex(47F383)

Have a look what the booklet for  
Hex(47F383) contains.

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# **Color**

**Hex(47F383)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47F383
RGB	71, 243, 131
RGB Percent	28%, 95%, 51%
CMY	0.7216, 0.0471, 0.4863
CMYK	0.71, 0.00, 0.46, 0.05
HSL	141°, 88%, 62%
HSV	141°, 71%, 95%
XYZ	38.7459, 67.0795, 32.3782
YIQ	178.8040, -66.5600, -71.2960

# Conversions

## Conversions Part 2

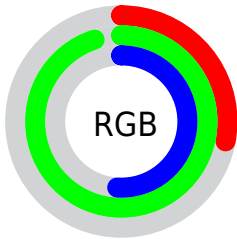
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 199, 243
Decimal	4715395
CIELab	85.54, -66.95, 41.58
CIElCh	86, 78.815, 148.157
Yxy	67.0795, 0.2804, 0.4854
Android (android.graphics.Color)	4282905475 (0xFF47F383)
YUV	178.8040, -23.5674, -94.5441
Hunter-Lab	81.9021, -58.8846, 33.8924

# Details

The Hex color **47F383** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **F347B7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **8CFFB9**, and **00B94F** is the 20% darker color. If you saturate the color by 10%, you get **2FF373**, and if you desaturate by 10%, it is **5FF393**.

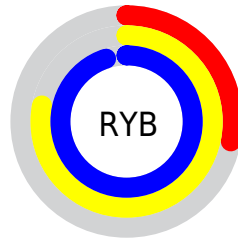
# Distribution



Red (28%)

Green (95%)

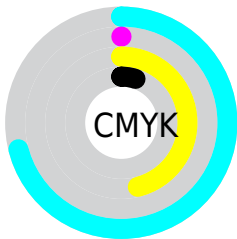
Blue (51%)



Red (28%)

Yellow (78%)

Blue (95%)

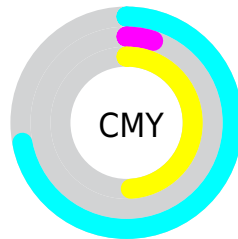


Cyan (71%)

Magenta (0%)

Yellow (46%)

Black (5%)



Cyan (72%)

Magenta (5%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47F383 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 47F383 by changing the saturation by 10% instead.



 47F383

 47F383

FFFFFF

 0ED669

 8CFFB9

 00B94F

 ABFFD6

 009D36

 CAFFF2

 00821C

 E9FFFF

 006800

 004E00

 003700

 001C00

 000000

 47F383

 47F383

 2FF373

 5FF393

 16F363

 78F3A3

 00F355

 90F3B2

 A8F3C2

 C0F3D2

 D9F3E2

 F1F3F2

 FFF3FF

# Harmonies

## Analogous

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



B7E645



47F383



00F9CF

# Triad

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



47F383



00E0FF



FF9894

# Complementary

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



47F383



F347B7

# 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.



FF8FDE



47F383



CEC4FF

# Square

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



47F383



00F1FF



FFA4FF



FFB455

# Rectangle

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



47F383



00F9FF



FFA4FF



FF92AC

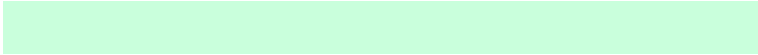


# Sweetspot

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



47F383



C9FFDC



BAF347



60806B



000000



808080



# Same Dimension

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



47F383



26FF72



47F3D6



6E7A72



00BA41



003B14



# Inverse Universe

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



F347B7



FF26B3



F34764



7A6E76



BA0079

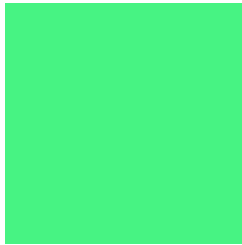


3B0026



# Previews

## White Background



This preview shows how the Hex color 47F383 looks on a white background.

## Color Contrast Check

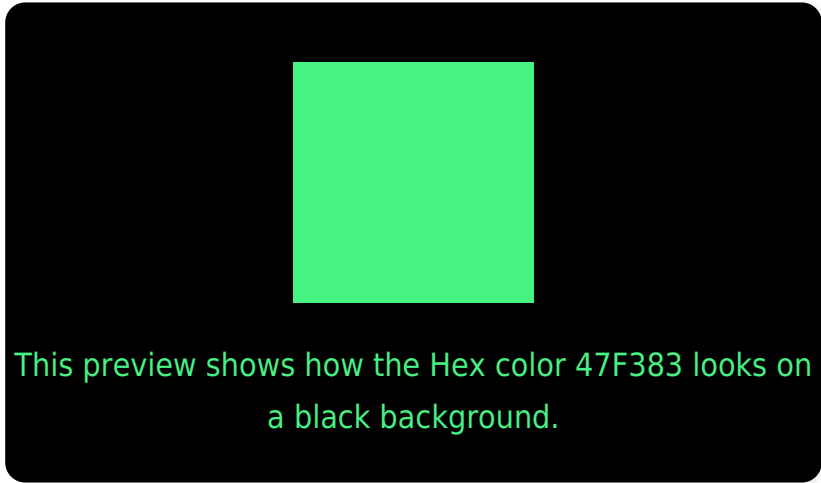
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

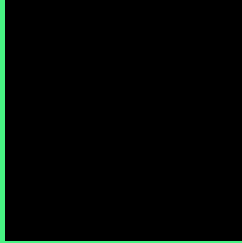
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 47F383 Background



This preview shows how black text looks on a background with the Hex color 47F383.

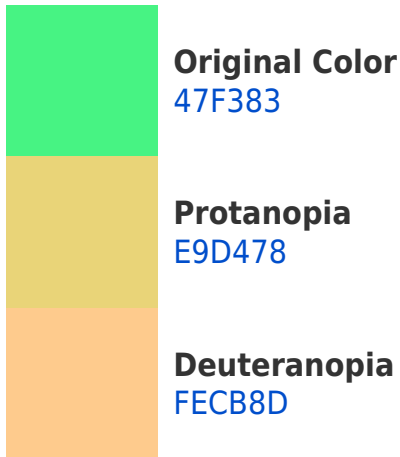


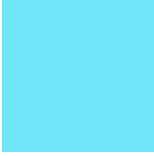
This preview shows how white text looks on a background with the Hex color 47F383.

# 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](#).

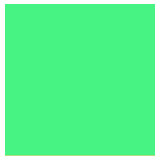
## Dichromacy





**Tritanopia**  
70E6F8

# Trichromacy



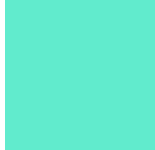
**Original Color**  
47F383



**Protanomaly**  
AEDF7C



**Deuteranomaly**  
BBDA89



**Tritanomaly**  
61EBCD

# Monochromacy



**Original Color**  
47F383



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
8CCAA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47F383 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 #47F383 looks like.

```
.text, #text, p{  
    color:#47F383  
}
```

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 #47F383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47F383
}
```

## Border

The CSS property to change the border of an element to Hex 47F383 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
#47F383 }
```

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

```
.border{ border-color:#47F383 }
```

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

Here you see how a box with a 4 pixel #47F383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47F383; -webkit-box-shadow:4px 4px  
4px 4px #47F383; box-shadow:4px 4px 4px  
4px #47F383 }
```

# Background

The CSS property to change the background color of an element to Hex 47F383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47F383 }
```

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

```
.background{ background-color:#47F383 }
```

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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