

# Converting Colors

Hex(47FEE3)

Have a look what the booklet for  
Hex(47FEE3) contains.

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**Color**

**Hex(47FEE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47FEE3
RGB	71, 254, 227
RGB Percent	28%, 100%, 89%
CMY	0.7216, 0.0039, 0.1098
CMYK	0.72, 0.00, 0.11, 0.00
HSL	171°, 99%, 64%
HSV	171°, 72%, 100%
XYZ	51.9055, 77.7693, 84.9483
YIQ	196.2050, -100.4010, -47.1930

# Conversions

## Conversions Part 2

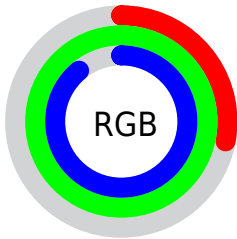
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">71, 170, 254</a>
Decimal	<a href="#">4718307</a>
CIELab	<a href="#">90.67, -51.11, -0.20</a>
CIELCh	<a href="#">91, 51.113, 180.220</a>
Yxy	<a href="#">77.7693, 0.2418, 0.3624</a>
Android (android.graphics.Color)	<a href="#">4282908387 (0xFF47FEE3)</a>
YUV	<a href="#">196.2050, 15.1819, -109.8048</a>
Hunter-Lab	<a href="#">88.1869, -49.2646, 4.6182</a>

# Details

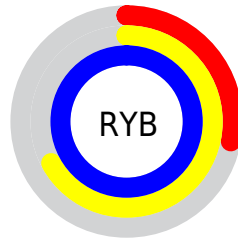
The Hex color **47FEE3** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **FE4762**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **8FFFFFF**, and **00C4AC** is the 20% darker color. If you saturate the color by 10%, you get **2EFEDF**, and if you desaturate by 10%, it is **60FEE7**.

# Distribution



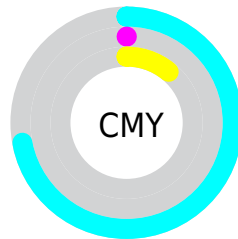
- Red (28%)
- Green (100%)
- Blue (89%)



- Red (28%)
- Yellow (67%)
- Blue (100%)



- Cyan (72%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (72%)
- Magenta (0%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47FEE3 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 47FEE3 by changing the saturation by 10% instead.



 47FEE3

 47FEE3

FFFFFF

 00E1C7

 8FFFFFFF

 00C4AC

 B0FFFF

 00A991

 D0FFFF

 008D78

 EFFFFFFF

 00735F

 005947

 004031

 002A1C

 000503

■ 47FEE3

■ 47FEE3

■ 2EFEDF

■ 60FEE7

■ 14FEDC

■ 7AFEEA

■ 00FED9

■ 93FEEE

■ ADFEF2

■ C6FEF6

■ DFFEF9

■ F9FEFD

FFFEFF

# Harmonies

## Analogous

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



95FAB2



47FEE3



00FDFF

# Triad

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



47FEE3



EAD7FF



FFD090

# Complementary

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



47FEE3



FE4762

# 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.



FFC2B6



47FEE3



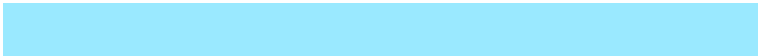
FFC6FF

# Square

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



47FEE3



9AE9FF



FFBDE6



FFE281

# Rectangle

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



47FEE3



00F9FF



FFBDE6



FFCB9B

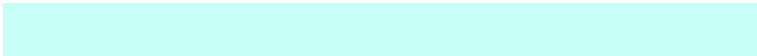


# Sweetspot

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



47FEE3



C7FFF7



62FE47



5E807B



000000



808080



# Same Dimension

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



47FEE3



24FFDF



47BEFE



73807E



00BFA3



004036



# Inverse Universe

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



FE4762



FF2444



FE8747



807375



BF001C

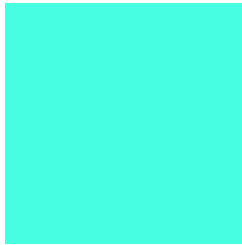


400009



# Previews

## White Background



This preview shows how the Hex color 47FEE3 looks on a white background.

## Color Contrast Check

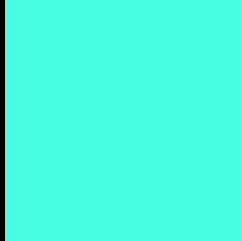
Large Text (above 18pt) WCAG AA × Fail

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 47FEE3 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 47FEE3 Background



This preview shows how black text looks on a background with the Hex color 47FEE3.

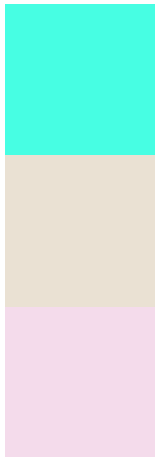


This preview shows how white text looks on a background with the Hex color 47FEE3.

# 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](#).

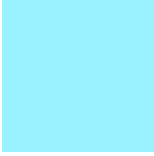
## Dichromacy



**Original Color**  
47FEE3

**Protanopia**  
EAE1D3

**Deuteranopia**  
F4DBEB

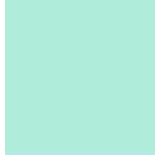


**Tritanopia**  
9AF1FF

# Trichromacy



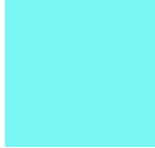
**Original Color**  
47FEE3



**Protanomaly**  
AFECD9



**Deuteranomaly**  
B5E8E8

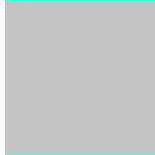


**Tritanomaly**  
7CF6F5

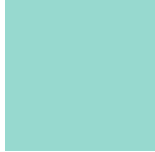
# Monochromacy



**Original Color**  
47FEE3



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
97D9CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47FEE3 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 #47FEE3 looks like.

```
.text, #text, p{  
    color:#47FEE3  
}
```

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 #47FEE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47FEE3
}
```

## Border

The CSS property to change the border of an element to Hex 47FEE3 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
#47FEE3 }
```

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

```
.border{ border-color:#47FEE3 }
```

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

Here you see how a box with a 4 pixel #47FEE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47FEE3; -webkit-box-shadow:4px 4px  
4px 4px #47FEE3; box-shadow:4px 4px 4px  
4px #47FEE3 }
```

# Background

The CSS property to change the background color of an element to Hex 47FEE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47FEE3 }
```

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

```
.background{ background-color:#47FEE3 }
```

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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