

# Converting Colors

Hex(4FE0CC)

Have a look what the booklet for  
Hex(4FE0CC) contains.

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# Color

Hex(4FE0CC)

# Conversions

## Conversions Part 1

Format	Color
Hex	4FE0CC
RGB	79, 224, 204
RGB Percent	31%, 88%, 80%
CMY	0.6902, 0.1216, 0.2000
CMYK	0.65, 0.00, 0.09, 0.12
HSL	172°, 70%, 59%
HSV	172°, 65%, 88%
XYZ	40.7792, 59.3332, 66.4299
YIQ	178.3650, -80.0000, -36.9600

# Conversions

## Conversions Part 2

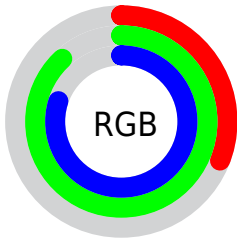
Format	Color
<a href="#">RYB</a>	<a href="#">79, 157, 224</a>
Decimal	<a href="#">5234892</a>
CIELab	<a href="#">81.47, -43.04, -1.57</a>
CIELCh	<a href="#">81, 43.065, 182.088</a>
Yxy	<a href="#">59.3332, 0.2449, 0.3563</a>
Android (android.graphics.Color)	<a href="#">4283424972</a> ( <a href="#">0xFF4FE0CC</a> )
YUV	<a href="#">178.3650, 12.6381, -87.1431</a>
Hunter-Lab	<a href="#">77.0281, -40.2999, 2.7872</a>

# Details

The Hex color **4FE0CC** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **E04F63**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **90FFFF**, and **00A896** is the 20% darker color. If you saturate the color by 10%, you get **39E0C9**, and if you desaturate by 10%, it is **65E0CF**.

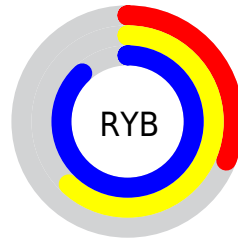
# Distribution



Red (31%)

Green (88%)

Blue (80%)



Red (31%)

Yellow (62%)

Blue (88%)

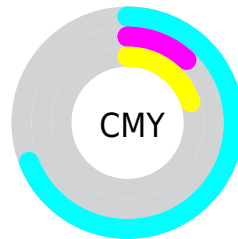


Cyan (65%)

Magenta (0%)

Yellow (9%)

Black (12%)



Cyan (69%)

Magenta (12%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FE0CC 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 4FE0CC by changing the saturation by 10% instead.



 4FE0CC

 4FE0CC

FFFFFF

 25C4B1

 90FFFF

 00A896

 AEFFFF

 008D7C

 CDFFFF

 007363

 EBFFFF

 00594C

 004135

 002B20

 000A09

 000000

 4FE0CC

 4FE0CC

 39E0C9

 65E0CF

 22E0C6

 7CE0D2

 0CE0C3

 92E0D5

 00E0C1

 A9E0D8

 BFE0DB

 D5E0DF

 ECE0E2

 FFE0E5

 FFE0E8

# Harmonies

## Analogous

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



87DDA3



4FE0CC



14DFF4

# Triad

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



4FE0CC



D3BFFF



FFBB84

# Complementary

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



4FE0CC



E04F63

# 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.



FFAFA2



4FE0CC



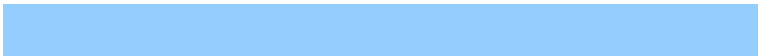
FFB1F1

# Square

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



4FE0CC



94CFFF



FFABC9



E2C979

# Rectangle

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



4FE0CC



32DBFF



FFABC9



FFB68C

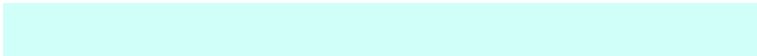


# Sweetspot

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



4FE0CC



CFFFF8



65E04F



62807B



000000



808080



# Same Dimension

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



4FE0CC



38FFE4



4FADE0



65706F



00B098



00302A



# Inverse Universe

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



E04F63



FF3854



E0824F



706567



B00018

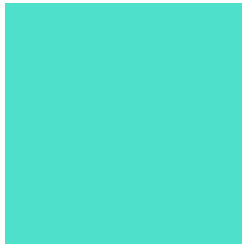


300007



# Previews

## White Background



This preview shows how the Hex color 4FE0CC looks on a white background.

## Color Contrast Check

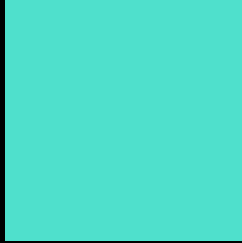
Large Text (above 18pt) WCAG AA × Fail

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 4FE0CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

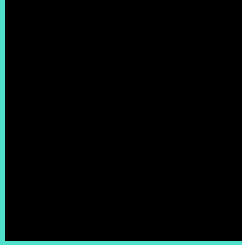
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

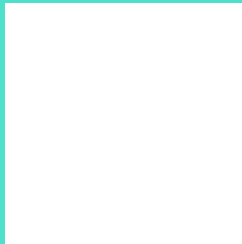
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4FE0CC Background



This preview shows how black text looks on a background with the Hex color 4FE0CC.



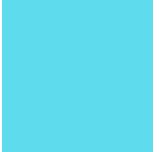
This preview shows how white text looks on a background with the Hex color 4FE0CC.

# 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

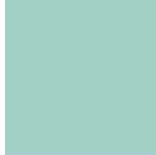




# Trichromacy



**Original Color**  
4FE0CC



**Protanomaly**  
A0D1C4



**Deuteranomaly**  
A6CED0



**Tritanomaly**  
59DDE1

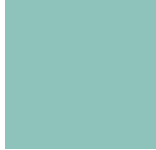
# Monochromacy



**Original Color**  
4FE0CC



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
8EC3BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FE0CC 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 #4FE0CC looks like.

```
.text, #text, p{  
    color:#4FE0CC  
}
```

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 #4FE0CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FE0CC
}
```

## Border

The CSS property to change the border of an element to Hex 4FE0CC 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
#4FE0CC }
```

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

```
.border{ border-color:#4FE0CC }
```

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

Here you see how a box with a 4 pixel #4FE0CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FE0CC; -webkit-box-shadow:4px 4px  
4px 4px #4FE0CC; box-shadow:4px 4px 4px  
4px #4FE0CC }
```

# Background

The CSS property to change the background color of an element to Hex 4FE0CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FE0CC }
```

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

```
.background{ background-color:#4FE0CC }
```

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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