

# Converting Colors

Hex(4FE0E3)

Have a look what the booklet for  
Hex(4FE0E3) contains.

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# Color

**Hex(4FE0E3)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4FE0E3                       |
| RGB         | 79, 224, 227                 |
| RGB Percent | 31%, 88%, 89%                |
| CMY         | 0.6902, 0.1216, 0.1098       |
| CMYK        | 0.65, 0.01, 0.00, 0.11       |
| HSL         | 181°, 73%, 60%               |
| HSV         | 181°, 65%, 89%               |
| XYZ         | 43.7452, 60.5196, 82.0489    |
| YIQ         | 180.9870, -87.3830, -29.8070 |

# Conversions

## Conversions Part 2

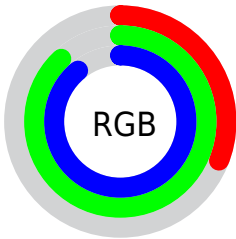
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 79, 152, 227                   |
| Decimal                             | 5234915                        |
| CIELab                              | 82.12, -36.89, -12.83          |
| CIElCh                              | 82, 39.055, 199.173            |
| Yxy                                 | 60.5196, 0.2348,<br>0.3248     |
| Android<br>(android.graphics.Color) | 4283424995<br>(0xFF4FE0E3)     |
| YUV                                 | 180.9870, 22.6844,<br>-89.4426 |
| Hunter-Lab                          | 77.7944, -35.7662,<br>-8.0765  |

# Details

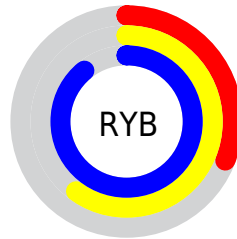
The Hex color **4FE0E3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E3524F**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **91FFFF**, and **00A8AC** is the 20% darker color. If you saturate the color by 10%, you get **38E0E3**, and if you desaturate by 10%, it is **66E0E3**.

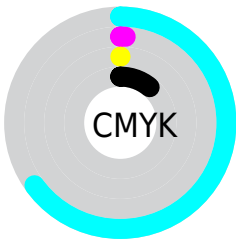
# Distribution



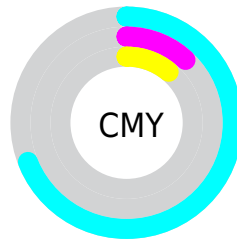
- Red (31%)
- Green (88%)
- Blue (89%)



- Red (31%)
- Yellow (60%)
- Blue (89%)



- Cyan (65%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (12%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FE0E3 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 4FE0E3 by changing the saturation by 10% instead.



 4FE0E3

 4FE0E3

FFFFFF

 23C4C7

 91FFFF

 00A8AC

 B0FFFF

 008D91

 CFFFFFF

 007378

 EFFFFFF

 005A5F

 004247

 002B31

 000F1C

 000000

 4FE0E3

 4FE0E3

 38E0E3

 66E0E3

 22DFE3

 7CE1E3

 0BDFE3

 93E1E3

 00DEE3

 AAE2E3

 C1E2E3

 D7E3E3

 EEE3E3

 FFE4E3

# Harmonies

## Analogous

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



77DFBD



4FE0E3



52DCFF

# Triad

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



4FE0E3



EEBBFC



F1C584

# Complementary

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



4FE0E3



E3524F

# 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.



FFB996



4FE0E3



FFB2DB

# Square

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



4FE0E3



BEC8FF



FFB1B6



CDD186

# Rectangle

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



4FE0E3



71D7FF



FFB1B6



FBC188



# Sweetspot

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



4FE0E3



CCFEFF



4FE351



617F80



000000



808080



# Same Dimension

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



4FE0E3



38FBFF



4F97E3



677373



00AFB3



003233



# Inverse Universe

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



E34FE0



FF38FB



E39B4F



736773



B300AF

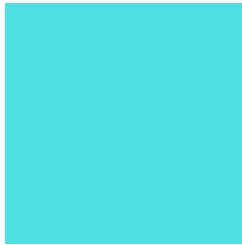


330032



# Previews

## White Background



This preview shows how the Hex color 4FE0E3 looks on a white background.

## Color Contrast Check

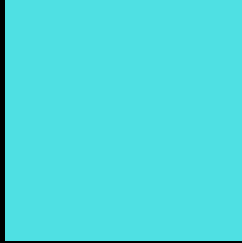
Large Text (above 18pt) WCAG AA × Fail

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 4FE0E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

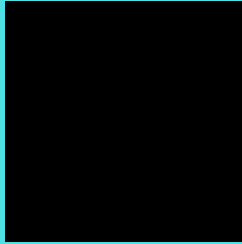
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FE0E3 Background



This preview shows how black text looks on a background with the Hex color 4FE0E3.

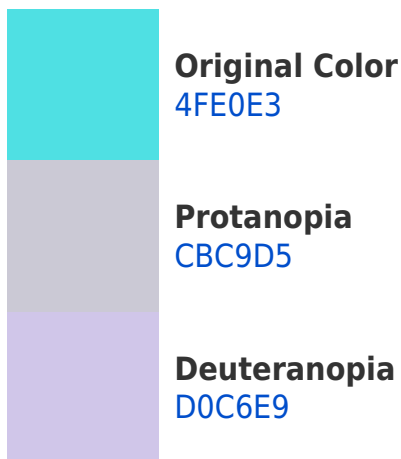


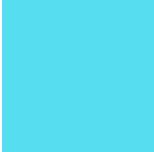
This preview shows how white text looks on a background with the Hex color 4FE0E3.

# 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**  
56DEF0

# Trichromacy



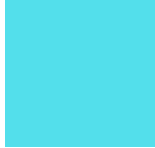
**Original Color**  
4FE0E3



**Protanomaly**  
9ED1DA



**Deuteranomaly**  
A1CFE7

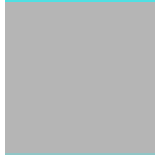


**Tritanomaly**  
53DFEB

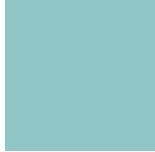
# Monochromacy



**Original Color**  
4FE0E3



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
90C5C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FE0E3 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 #4FE0E3 looks like.

```
.text, #text, p{  
    color:#4FE0E3  
}
```

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 #4FE0E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FE0E3
}
```

## Border

The CSS property to change the border of an element to Hex 4FE0E3 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
#4FE0E3 }
```

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

```
.border{ border-color:#4FE0E3 }
```

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

Here you see how a box with a 4 pixel #4FE0E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FE0E3; -webkit-box-shadow:4px 4px  
4px 4px #4FE0E3; box-shadow:4px 4px 4px  
4px #4FE0E3 }
```

# Background

The CSS property to change the background color of an element to Hex 4FE0E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FE0E3 }
```

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

```
.background{ background-color:#4FE0E3 }
```

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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