

# Converting Colors

Hex(4FC4E3)

Have a look what the booklet for  
Hex(4FC4E3) contains.

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# **Color**

**Hex(4FC4E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FC4E3
RGB	79, 196, 227
RGB Percent	31%, 77%, 89%
CMY	0.6902, 0.2314, 0.1098
CMYK	0.65, 0.14, 0.00, 0.11
HSL	193°, 73%, 60%
HSV	193°, 65%, 89%
XYZ	36.8295, 46.6882, 79.7436
YIQ	164.5510, -79.6830, -15.1630

# Conversions

## Conversions Part 2

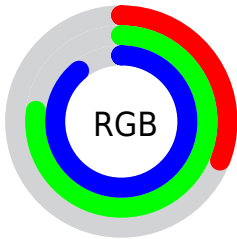
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	79, 144, 227
Decimal	5227747
CIE Lab	73.99, -23.37, -25.12
CIE LCh	74, 34.309, 227.074
Yxy	46.6882, 0.2256, 0.2860
Android (android.graphics.Color)	4283417827 (0xFF4FC4E3)
YUV	164.5510, 30.7874, -75.0282
Hunter-Lab	68.3287, -23.3630, -21.3648

# Details

The Hex color **4FC4E3** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E36E4F**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8FFDFF**, and **008EAC** is the 20% darker color. If you saturate the color by 10%, you get **38BFE3**, and if you desaturate by 10%, it is **66C9E3**.

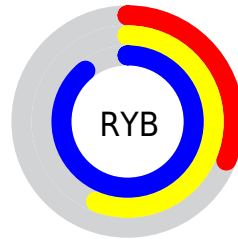
# Distribution



Red (31%)

Green (77%)

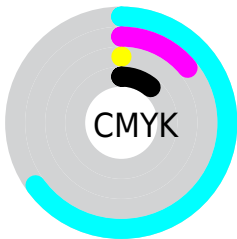
Blue (89%)



Red (31%)

Yellow (56%)

Blue (89%)

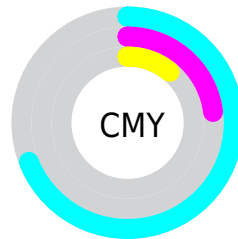


Cyan (65%)

Magenta (14%)

Yellow (0%)

Black (11%)



Cyan (69%)

Magenta (23%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FC4E3 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 4FC4E3 by changing the saturation by 10% instead.



 4FC4E3

 4FC4E3

FFFFFF

 27A9C7

 8FFDFD

 008EAC

 ADFFFF

 007491

 CBFFFF

 005B77

 EAFFFF

 00445E

 002D47

 001930

 00011B

 000000

■ 4FC4E3

■ 4FC4E3

■ 38BFE3

■ 66C9E3

■ 22BAE3

■ 7CCEE3

■ 0BB6E3

■ 93D2E3

■ 00B3E3

■ AAD7E3

■ C1DCE3

■ D7E1E3

■ EEE5E3

■ FFEAE3

■ FFEFE3

# Harmonies

## Analogous

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



50C7C7



4FC4E3



76BDF3

# Triad

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



4FC4E3



EBA0C5



B9BA79

# Complementary

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



4FC4E3



E36E4F

# 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.



D8AF79



4FC4E3



F59FA5

# Square

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



4FC4E3



D0A7E1



EDA589



96C28A

# Rectangle

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



4FC4E3



97B6F4



EDA589



C4B677

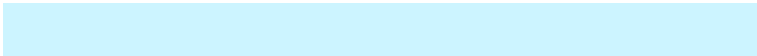


# Sweetspot

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



4FC4E3



CCF4FF



4FE36D



617980



000000



808080



# Same Dimension

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



4FC4E3



38D5FF



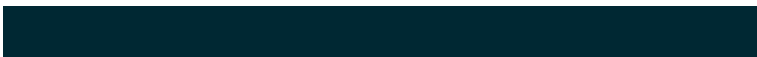
4F7BE3



677073



008DB3



002833



# Inverse Universe

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



E34FC4



FF38D5



E3B74F



736770



B3008D

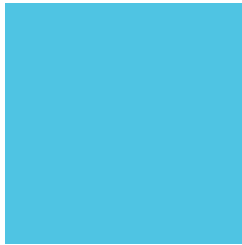


330028



# Previews

## White Background



This preview shows how the Hex color 4FC4E3 looks on a white background.

## Color Contrast Check

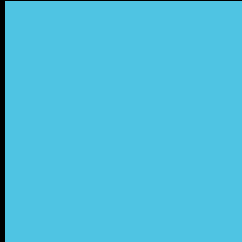
Large Text (above 18pt) WCAG AA × Fail

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 4FC4E3 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 4FC4E3 Background



This preview shows how black text looks on a background with the Hex color 4FC4E3.

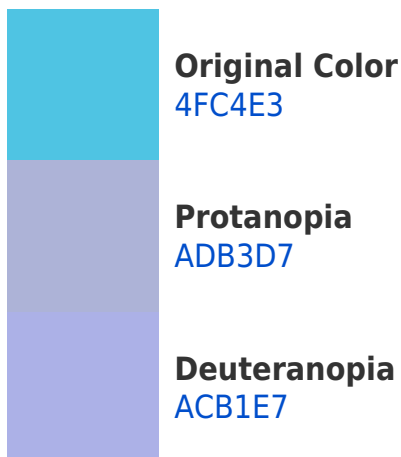


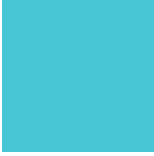
This preview shows how white text looks on a background with the Hex color 4FC4E3.

# 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](#).

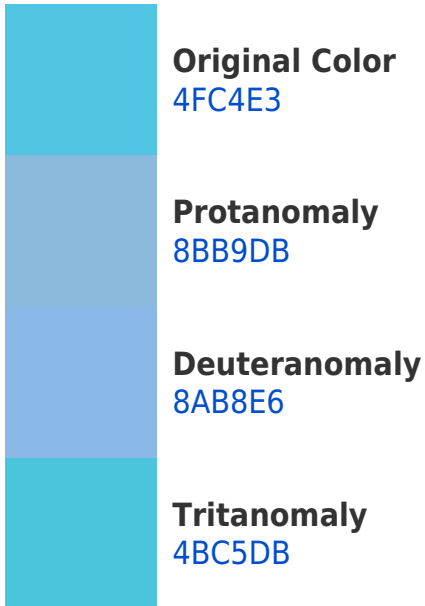
## Dichromacy



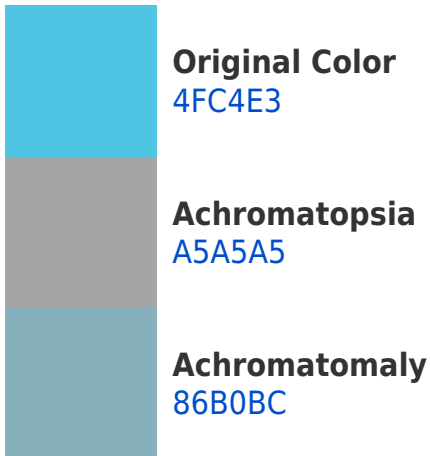


**Tritanopia**  
48C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FC4E3 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 #4FC4E3 looks like.

```
.text, #text, p{  
    color:#4FC4E3  
}
```

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 #4FC4E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC4E3  
}
```

## Border

The CSS property to change the border of an element to Hex 4FC4E3 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  
#4FC4E3 }
```

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

```
.border{ border-color:#4FC4E3 }
```

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

Here you see how a box with a 4 pixel #4FC4E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC4E3; -webkit-box-shadow:4px 4px  
4px 4px #4FC4E3; box-shadow:4px 4px 4px  
4px #4FC4E3 }
```

# Background

The CSS property to change the background color of an element to Hex 4FC4E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC4E3 }
```

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

```
.background{ background-color:#4FC4E3 }
```

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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