

# Converting Colors

Hex(4CCFE6)

Have a look what the booklet for  
Hex(4CCFE6) contains.

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# **Color**

**Hex(4CCFE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CCFE6
RGB	76, 207, 230
RGB Percent	30%, 81%, 90%
CMY	0.7020, 0.1882, 0.0980
CMYK	0.67, 0.10, 0.00, 0.10
HSL	189°, 75%, 60%
HSV	189°, 67%, 90%
XYZ	39.5762, 51.8753, 82.7900
YIQ	170.4530, -85.4590, -20.6190

# Conversions

## Conversions Part 2

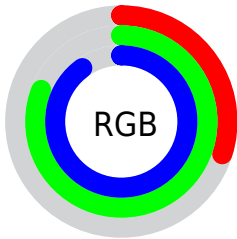
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	76, 147, 230
Decimal	5033958
CIE Lab	77.21, -28.38, -21.84
CIE LCh	77, 35.817, 217.581
Yxy	51.8753, 0.2271, 0.2977
Android (android.graphics.Color)	4283224038 (0xFF4CCFE6)
YUV	170.4530, 29.3567, -82.8353
Hunter-Lab	72.0245, -27.9602, -17.7349

# Details

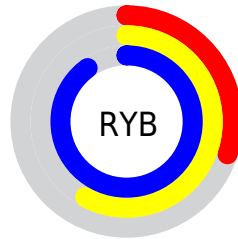
The Hex color **4CCFE6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E6634C**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8EFFFF**, and **0098AE** is the 20% darker color. If you saturate the color by 10%, you get **35CCE6**, and if you desaturate by 10%, it is **63D2E6**.

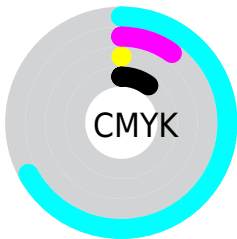
# Distribution



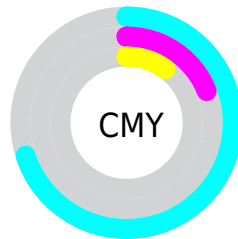
- Red (30%)
- Green (81%)
- Blue (90%)



- Red (30%)
- Yellow (58%)
- Blue (90%)



- Cyan (67%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (70%)
- Magenta (19%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CCFE6 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 4CCFE6 by changing the saturation by 10% instead.



 4CCFE6

 4CCFE6

FFFFFF

 1FB3CA

 8EFFFF

 0098AE

 ADFFFF

 007E94

 CBFFFF

 00657A

 EAFFFF

 004C61

 003549

 002232

 00021E

 000000

■ 4CCFE6

■ 4CCFE6

■ 35CCE6

■ 63D2E6

■ 1EC8E6

■ 7AD6E6

■ 07C5E6

■ 91D9E6

■ 00C4E6

■ A8DDE6

■ BFE0E6

■ D6E4E6

■ EDE7E6

■ FFEAE6

■ FFEEE6

# Harmonies

## Analogous

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



5CD1C6



4CCFE6



6CC9FB

# Triad

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



4CCFE6



F0A9D9



CDBF7C

# Complementary

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



4CCFE6



E6634C

# 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.



EBB482



4CCFE6



FFA5B7

# Square

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



4CCFE6



CEB3F3



FDAA98



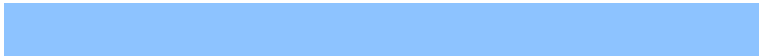
A9C989

# Rectangle

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



4CCFE6



8DC3FF



FDAA98



D8BC7C

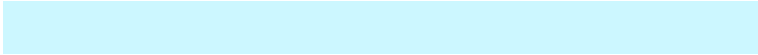


# Sweetspot

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



4CCFE6



CCF7FF



4CE661



617B80



000000



808080



# Same Dimension

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



4CCFE6



33E1FF



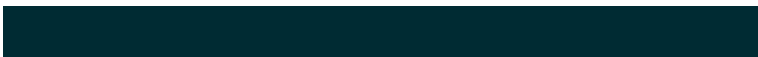
4C84E6



677173



0098B3



002B33



# Inverse Universe

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



E64CCF



FF33E1



E6AE4C



736771



B30098

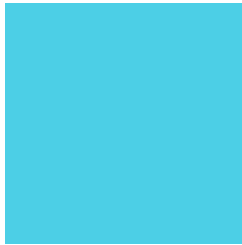


33002B



# Previews

## White Background



This preview shows how the Hex color 4CCFE6 looks on a white background.

## Color Contrast Check

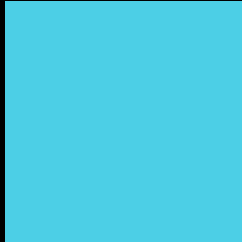
Large Text (above 18pt) WCAG AA × Fail

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 4CCFE6 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 4CCFE6 Background



This preview shows how black text looks on a background with the Hex color 4CCFE6.

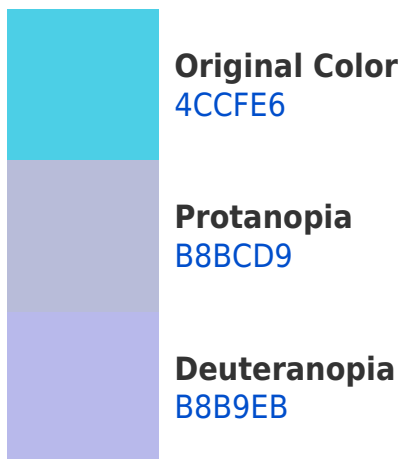


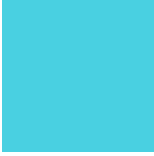
This preview shows how white text looks on a background with the Hex color 4CCFE6.

# 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](#).

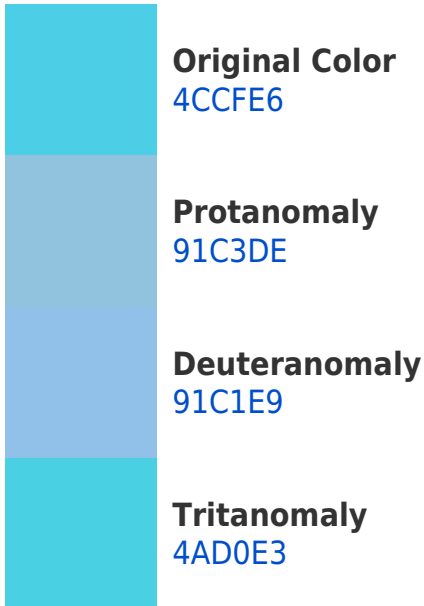
## Dichromacy



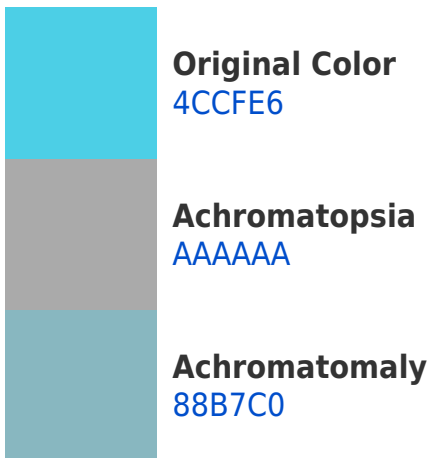


**Tritanopia**  
49D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CCFE6 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 #4CCFE6 looks like.

```
.text, #text, p{  
    color:#4CCFE6  
}
```

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 #4CCFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CCFE6
}
```

## Border

The CSS property to change the border of an element to Hex 4CCFE6 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
#4CCFE6 }
```

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

```
.border{ border-color:#4CCFE6 }
```

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

Here you see how a box with a 4 pixel #4CCFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CCFE6; -webkit-box-shadow:4px 4px  
4px 4px #4CCFE6; box-shadow:4px 4px 4px  
4px #4CCFE6 }
```

# Background

The CSS property to change the background color of an element to Hex 4CCFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CCFE6 }
```

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

```
.background{ background-color:#4CCFE6 }
```

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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