

# Converting Colors

Hex(40CDF7)

Have a look what the booklet for  
Hex(40CDF7) contains.

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**Color**

**Hex(40CDF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40CDF7
RGB	64, 205, 247
RGB Percent	25%, 80%, 97%
CMY	0.7490, 0.1961, 0.0314
CMYK	0.74, 0.17, 0.00, 0.03
HSL	194°, 92%, 61%
HSV	194°, 74%, 97%
XYZ	40.7342, 51.4680, 95.7831
YIQ	167.6290, -97.5180, -16.8300

# Conversions

## Conversions Part 2

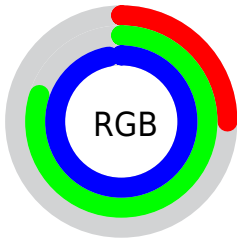
Format	Color
R <sub>YB</sub>	64, 144, 247
Decimal	4247031
CIE Lab	76.96, -23.72, -31.36
CIE LCh	77, 39.319, 232.888
Yxy	51.4680, 0.2167, 0.2738
Android (android.graphics.Color)	4282437111 (0xFF40CDF7)
YUV	167.6290, 39.1299, -90.8826
Hunter-Lab	71.7412, -24.1961, -28.9404

# Details

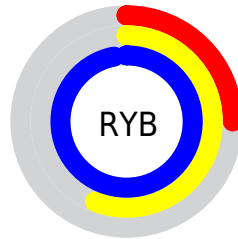
The Hex color **40CDF7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F76A40**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **88FFFF**, and **0097BF** is the 20% darker color. If you saturate the color by 10%, you get **27C7F7**, and if you desaturate by 10%, it is **59D3F7**.

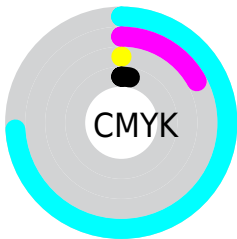
# Distribution



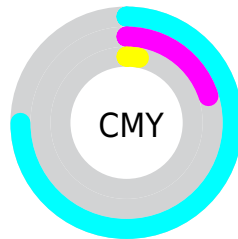
- Red (25%)
- Green (80%)
- Blue (97%)



- Red (25%)
- Yellow (56%)
- Blue (97%)



- Cyan (74%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (75%)
- Magenta (20%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40CDF7 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 40CDF7 by changing the saturation by 10% instead.



 40CDF7

 40CDF7

FFFFFF

 00B1DA

 88FFFF

 0097BF

 A7FFFF

 007DA3

 C7FFFF

 006389

 E6FFFF

 004B6F

 003457

 00213F

 000329

 000113

■ 40CDF7

■ 40CDF7

■ 27C7F7

■ 59D3F7

■ 0FC2F7

■ 71D8F7

■ 00BEF7

■ 8ADEF7

■ A3E4F7

■ BCE9F7

■ D4EFF7

■ EDF5F7

■ FFFAF7

■ FFFFF7

# Harmonies

## Analogous

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



34D1D9



40CDF7



7CC4FF

# Triad

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



40CDF7



FFA3C8



BAC47A

# Complementary

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



40CDF7



F76A40

# 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.



DEB976



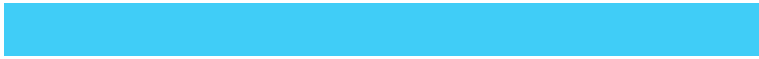
40CDF7



FFA3A4

# Square

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



40CDF7



E4ABEA



F9AC85



90CD91

# Rectangle

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



40CDF7



A4BCFF



F9AC85



C7C176

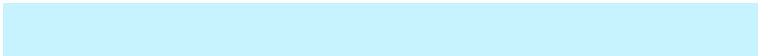


# Sweetspot

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



40CDF7



C7F2FF



40F768



5E7880



000000



808080



# Same Dimension

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



40CDF7



1CCBFF



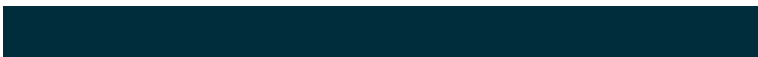
4074F7



6E787A



008FBA



002D3B



# Inverse Universe

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



F740CD



FF1CCB



F7C340



7A6E78



BA008F

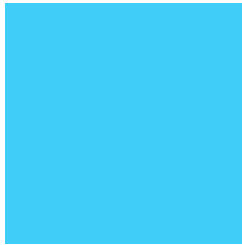


3B002D



# Previews

## White Background



This preview shows how the Hex color 40CDF7 looks on a white background.

## Color Contrast Check

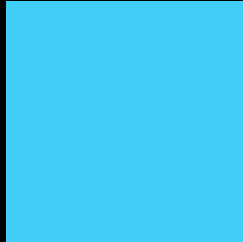
Large Text (above 18pt) WCAG AA × Fail

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 40CDF7 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

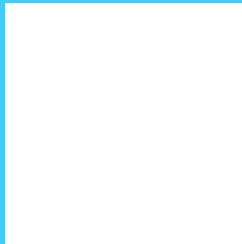
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 40CDF7 Background



This preview shows how black text looks on a background with the Hex color 40CDF7.

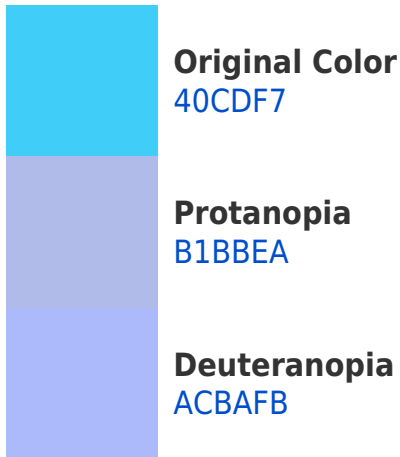


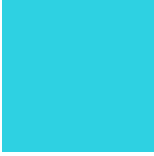
This preview shows how white text looks on a background with the Hex color 40CDF7.

# 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](#).

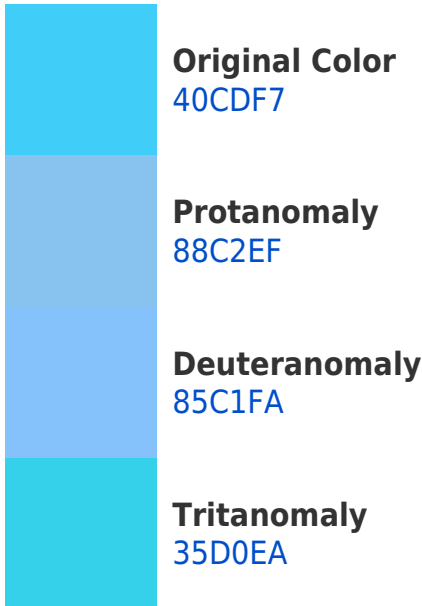
## Dichromacy



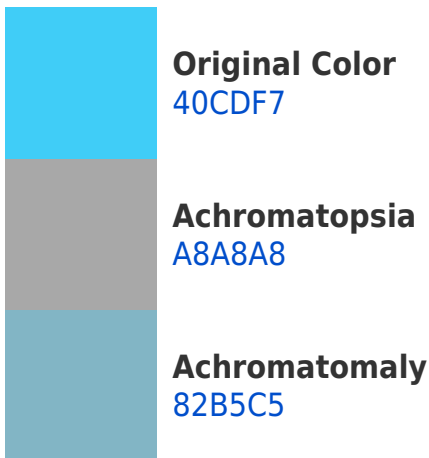


**Tritanopia**  
2ED1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40CDF7 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 #40CDF7 looks like.

```
.text, #text, p{  
    color:#40CDF7  
}
```

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 #40CDF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40CDF7
}
```

## Border

The CSS property to change the border of an element to Hex 40CDF7 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
#40CDF7 }
```

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

```
.border{ border-color:#40CDF7 }
```

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

Here you see how a box with a 4 pixel #40CDF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40CDF7; -webkit-box-shadow:4px 4px  
4px 4px #40CDF7; box-shadow:4px 4px 4px  
4px #40CDF7 }
```

# Background

The CSS property to change the background color of an element to Hex 40CDF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40CDF7 }
```

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

```
.background{ background-color:#40CDF7 }
```

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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