

# Converting Colors

Hex(40C7FF)

Have a look what the booklet for  
Hex(40C7FF) contains.

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# **Color**

**Hex(40C7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40C7FF
RGB	64, 199, 255
RGB Percent	25%, 78%, 100%
CMY	0.7490, 0.2196, 0.0000
CMYK	0.75, 0.22, 0.00, 0.00
HSL	198°, 100%, 63%
HSV	198°, 75%, 100%
XYZ	40.5878, 49.1568, 101.9568
YIQ	165.0190, -98.4360, -11.2040

# Conversions

## Conversions Part 2

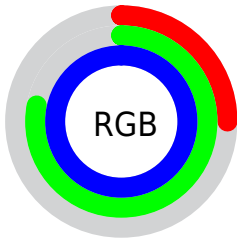
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	64, 143, 255
Decimal	4245503
CIE <sub>Lab</sub>	75.55, -18.09, -37.82
CIE <sub>LCh</sub>	76, 41.925, 244.444
Y <sub>xy</sub>	49.1568, 0.2117, 0.2564
Android (android.graphics.Color)	4282435583 (0xFF40C7FF)
YUV	165.0190, 44.3606, -88.5937
Hunter-Lab	70.1119, -19.3623, -37.1411

# Details

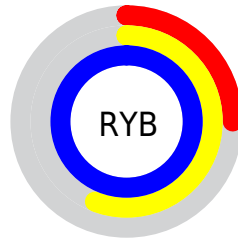
The Hex color **40C7FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF7840**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **88FFFF**, and **0091C6** is the 20% darker color. If you saturate the color by 10%, you get **26C0FF**, and if you desaturate by 10%, it is **5ACEFF**.

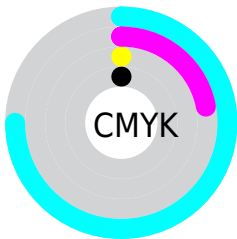
# Distribution



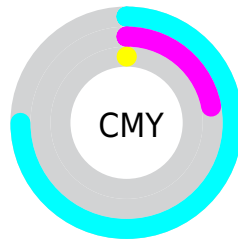
- Red (25%)
- Green (78%)
- Blue (100%)



- Red (25%)
- Yellow (56%)
- Blue (100%)



- Cyan (75%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40C7FF 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 40C7FF by changing the saturation by 10% instead.



 40C7FF

 40C7FF

FFFFFF

 00ACE2

 88FFFF

 0091C6

 A8FFFF

 0077AB

 C8FFFF

 005F90

 E7FFFF

 004776

 00305D

 001D45

 00042E

 000119

■ 40C7FF

■ 40C7FF

■ 26C0FF

■ 5ACEFF

■ 0DB8FF

■ 73D6FF

■ 00B4FF

■ 8DDDFE

■ A6E5FF

■ C0ECFF

■ D9F4FF

■ F3FBFF

FFFFFF

# Harmonies

## Analogous

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



00CDE5



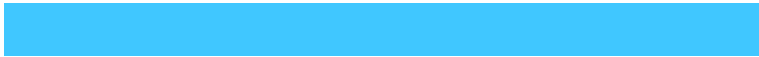
40C7FF



8ABCFF

# Triad

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



40C7FF



FF9CB6



A5C579

# Complementary

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



40C7FF



FF7840

# 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.



CEBA6C



40C7FF



FFA090

# Square

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



40C7FF



F0A1DC



EEAC75



75CC97

# Rectangle

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



40C7FF



B4B3FF



EEAC75



B3C172

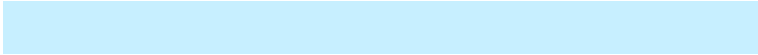


# Sweetspot

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



40C7FF



C7EFFF



40FF76



5E7680



000000



808080



# Same Dimension

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



40C7FF



19BCFF



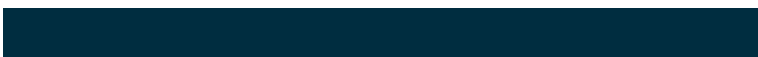
4069FF



737C80



0087BF



002D40



# Inverse Universe

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



FF40C7



FF19BC



FFD640



80737C



BF0087

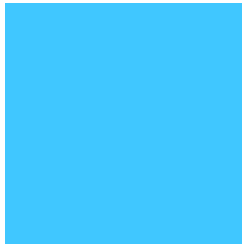


40002D



# Previews

## White Background



This preview shows how the Hex color 40C7FF looks on a white background.

## Color Contrast Check

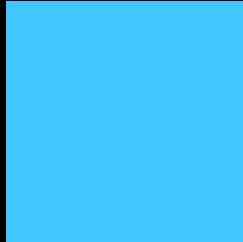
Large Text (above 18pt) WCAG AA × Fail

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 40C7FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

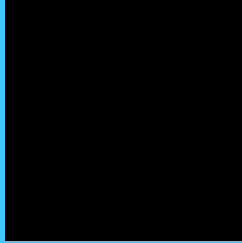
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

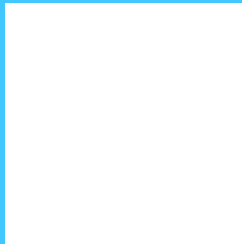
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 40C7FF Background



This preview shows how black text looks on a background with the Hex color 40C7FF.

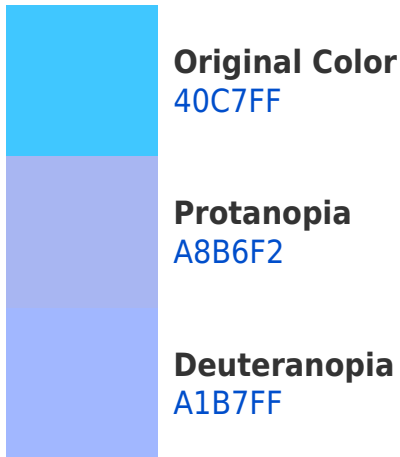


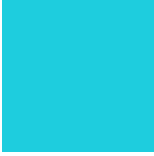
This preview shows how white text looks on a background with the Hex color 40C7FF.

# Color Blindness Simulation

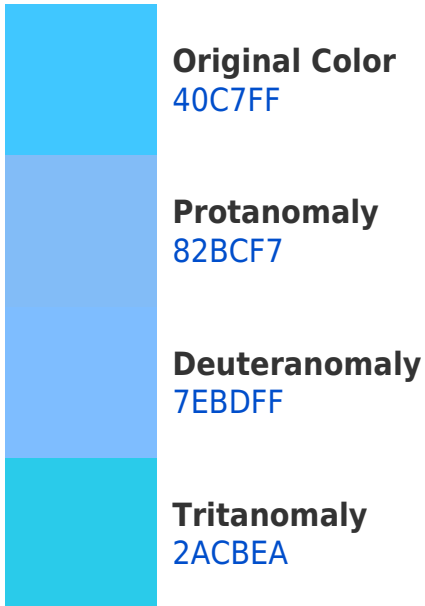
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

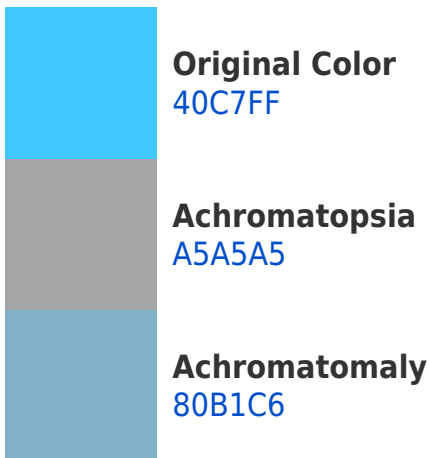




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40C7FF 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 #40C7FF looks like.

```
.text, #text, p{  
    color:#40C7FF  
}
```

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 #40C7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40C7FF
}
```

## Border

The CSS property to change the border of an element to Hex 40C7FF 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
#40C7FF }
```

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

```
.border{ border-color:#40C7FF }
```

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

Here you see how a box with a 4 pixel #40C7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40C7FF; -webkit-box-shadow:4px 4px  
4px 4px #40C7FF; box-shadow:4px 4px 4px  
4px #40C7FF }
```

# Background

The CSS property to change the background color of an element to Hex 40C7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40C7FF }
```

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

```
.background{ background-color:#40C7FF }
```

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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