

# Converting Colors

Hex(40C6FF)

Have a look what the booklet for  
Hex(40C6FF) contains.

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# **Color**

**Hex(40C6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40C6FF
RGB	64, 198, 255
RGB Percent	25%, 78%, 100%
CMY	0.7490, 0.2235, 0.0000
CMYK	0.75, 0.22, 0.00, 0.00
HSL	198°, 100%, 63%
HSV	198°, 75%, 100%
XYZ	40.3584, 48.6982, 101.8803
YIQ	164.4320, -98.1610, -10.6810

# Conversions

## Conversions Part 2

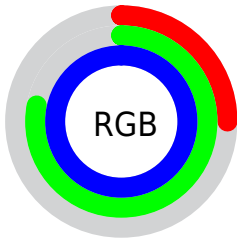
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	64, 143, 255
Decimal	4245247
CIE Lab	75.26, -17.57, -38.27
CIE LCh	75, 42.106, 245.344
Yxy	48.6982, 0.2114, 0.2550
Android (android.graphics.Color)	4282435327 (0xFF40C6FF)
YUV	164.4320, 44.6500, -88.0789
Hunter-Lab	69.7841, -18.8896, -37.7108

# Details

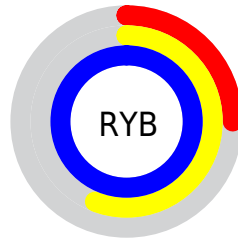
The Hex color **40C6FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF7940**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **88FFFF**, and **0090C6** is the 20% darker color. If you saturate the color by 10%, you get **26BEFF**, and if you desaturate by 10%, it is **5ACEFF**.

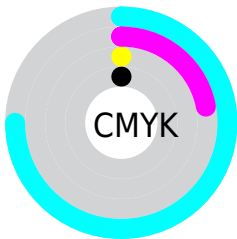
# Distribution



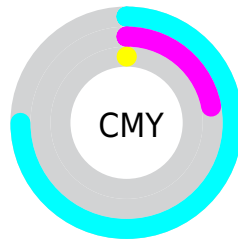
- Red (25%)
- Green (78%)
- Blue (100%)



- 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 40C6FF 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 40C6FF by changing the saturation by 10% instead.



 40C6FF

 40C6FF

FFFFFF

 00ABE2

 88FFFF

 0090C6

 A8FFFF

 0076AB

 C8FFFF

 005E90

 E7FFFF

 004676

 00305D

 001D45

 00042E

 000119

■ 40C6FF

■ 40C6FF

■ 26BEFF

■ 5ACEFF

■ 0DB7FF

■ 73D5FF

■ 00B3FF

■ 8DDDFE

■ A6E4FE

■ C0ECFE

■ D9F4FE

■ F3FBFE

FFFFFF

# Harmonies

## Analogous

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



00CCE5



40C6FF



8BBBFF

# Triad

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



40C6FF



FF9BB4



A2C479

# Complementary

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



40C6FF



FF7940

# 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.



CCB96B



40C6FF



FFA08E

# Square

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



40C6FF



F0A0DA



EDAC73



72CB98

# Rectangle

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



40C6FF



B5B2FF



EDAC73



B1C172

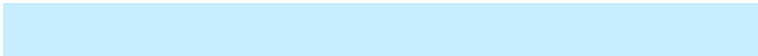


# Sweetspot

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



40C6FF



C7EEFF



40FF76



5E7680



000000



808080



# Same Dimension

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



40C6FF



19BBFF



4069FF



737C80



0086BF



002D40



# Inverse Universe

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



FF40C6



FF19BB



FFD640



80737C



BF0086

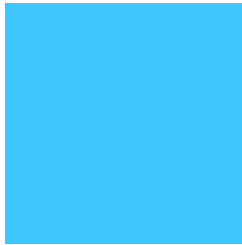


40002D



# Previews

## White Background



This preview shows how the Hex color 40C6FF looks on a white background.

## Color Contrast Check

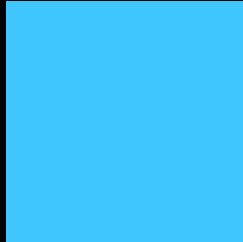
Large Text (above 18pt) WCAG AA × Fail

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 40C6FF 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

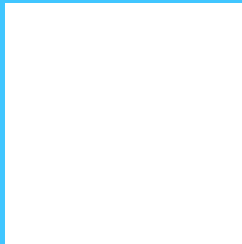
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 40C6FF Background



This preview shows how black text looks on a background with the Hex color 40C6FF.

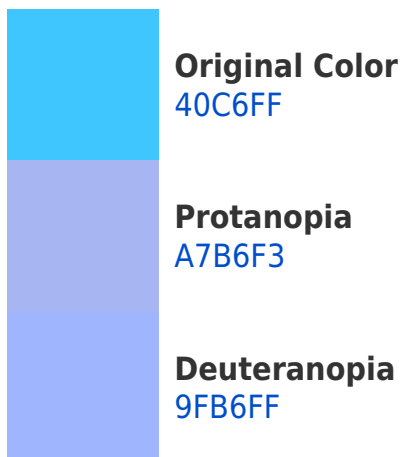


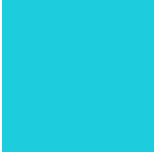
This preview shows how white text looks on a background with the Hex color 40C6FF.

# Color Blindness Simulation

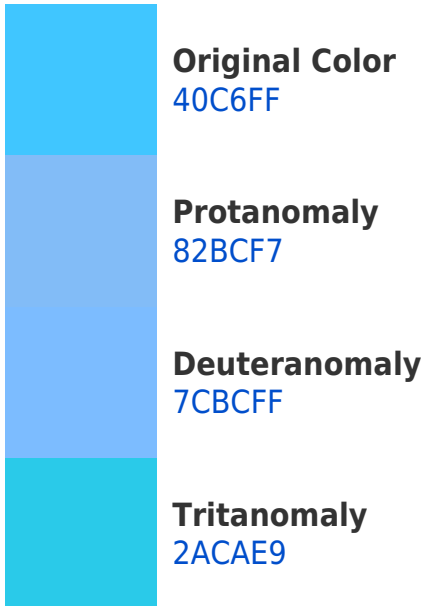
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

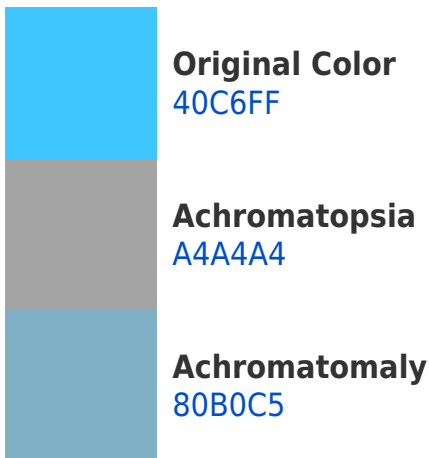




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40C6FF 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 #40C6FF looks like.

```
.text, #text, p{  
    color:#40C6FF  
}
```

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 #40C6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40C6FF
}
```

## Border

The CSS property to change the border of an element to Hex 40C6FF 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
#40C6FF }
```

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

```
.border{ border-color:#40C6FF }
```

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

Here you see how a box with a 4 pixel #40C6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40C6FF; -webkit-box-shadow:4px 4px  
4px 4px #40C6FF; box-shadow:4px 4px 4px  
4px #40C6FF }
```

# Background

The CSS property to change the background color of an element to Hex 40C6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40C6FF }
```

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

```
.background{ background-color:#40C6FF }
```

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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