

# Converting Colors

Hex(3DCCF0)

Have a look what the booklet for  
Hex(3DCCF0) contains.

<b>Hex(3DCCF0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(3DCCF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DCCF0
RGB	61, 204, 240
RGB Percent	24%, 80%, 94%
CMY	0.7608, 0.2000, 0.0588
CMYK	0.75, 0.15, 0.00, 0.06
HSL	192°, 86%, 59%
HSV	192°, 75%, 94%
XYZ	39.2455, 50.4691, 90.1111
YIQ	165.3470, -96.7840, -19.1200

# Conversions

## Conversions Part 2

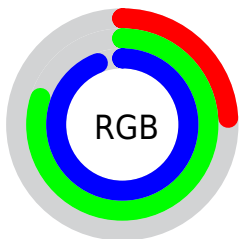
Format	Color
R <sub>Y</sub> B	61, 140, 240
Decimal	4050160
CIE Lab	76.36, -25.76, -28.54
CIE LCh	76, 38.448, 227.926
Yxy	50.4691, 0.2182, 0.2807
Android (android.graphics.Color)	4282240240 (0xFF3DCCF0)
YUV	165.3470, 36.8039, -91.5123
Hunter-Lab	71.0416, -25.7141, -25.4759

# Details

The Hex color **3DCCF0** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F0613D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **85FFFF**, and **0096B8** is the 20% darker color. If you saturate the color by 10%, you get **25C7F0**, and if you desaturate by 10%, it is **55D1F0**.

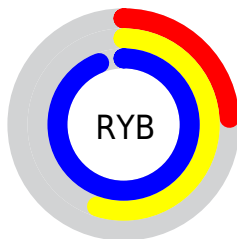
# Distribution



Red (24%)

Green (80%)

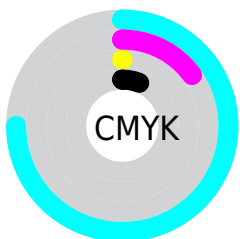
Blue (94%)



Red (24%)

Yellow (55%)

Blue (94%)

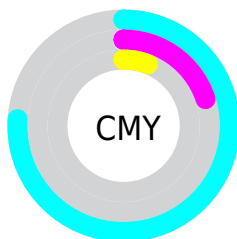


Cyan (75%)

Magenta (15%)

Yellow (0%)

Black (6%)



Cyan (76%)

Magenta (20%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DCCF0 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 3DCCF0 by changing the saturation by 10% instead.



 3DCCF0

 3DCCF0

FFFFFF

 00B0D4

 85FFFF

 0096B8

 A5FFFF

 007C9D

 C4FFFF


 006283

 E3FFFF

 004A69

 003351

 00203A

 000224

 00000C

■ 3DCCF0

■ 3DCCF0

■ 25C7F0

■ 55D1F0

■ 0DC2F0

■ 6DD6F0

■ 00C0F0

■ 85DAF0

■ 9DDFF0

■ B5E4F0

■ CDE9F0

■ E5EEF0

■ FDF3F0

■ FFF7F0

# Harmonies

## Analogous

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



3E CFD1



3D CCF0



72 C4 FF

# Triad

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



3DCCF0



F9A3CC



BFC178

# Complementary

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



3DCCF0



F0613D

# 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.



E1B577



3DCCF0



FFA2A8

# Square

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



3DCCF0



DBACEC



F9A989



96CA8C

# Rectangle

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



3DCCF0



99BDFE



F9A989



CBBE75

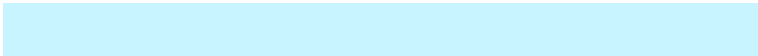


# Sweetspot

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



3DCCF0



C7F4FF



3DF061



5E7980



000000



808080

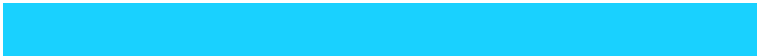


# Same Dimension

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



3DCCF0



19D1FF



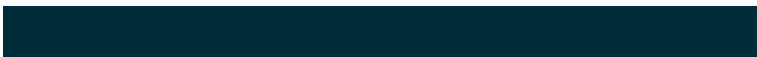
3D73F0



6C7578



0093B8



002D38



# Inverse Universe

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



F03DCC



FF19D1



F0BA3D



786C75



B80093

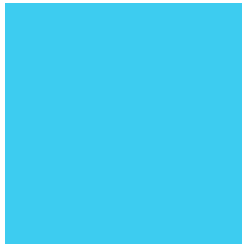


38002D



# Previews

## White Background



This preview shows how the Hex color 3DCCF0 looks on a white background.

## Color Contrast Check

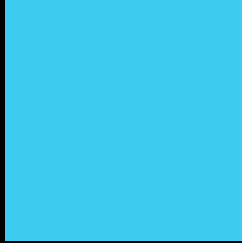
Large Text (above 18pt) WCAG AA × Fail

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 3DCCF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

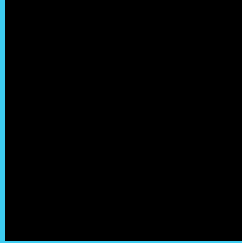
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3DCCF0 Background



This preview shows how black text looks on a background with the Hex color 3DCCF0.

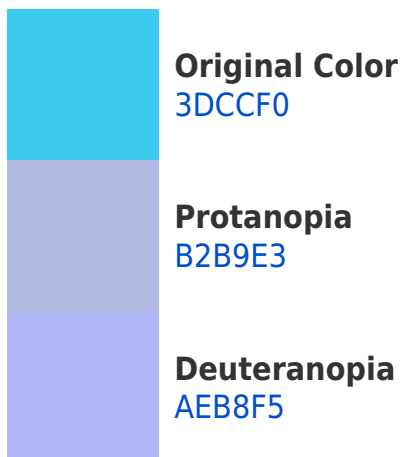


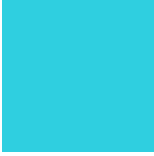
This preview shows how white text looks on a background with the Hex color 3DCCF0.

# Color Blindness Simulation

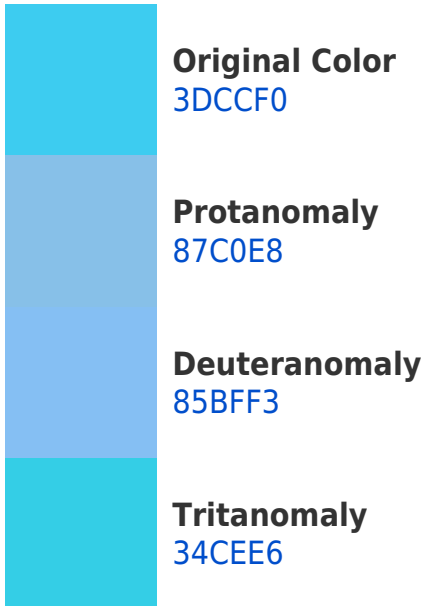
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

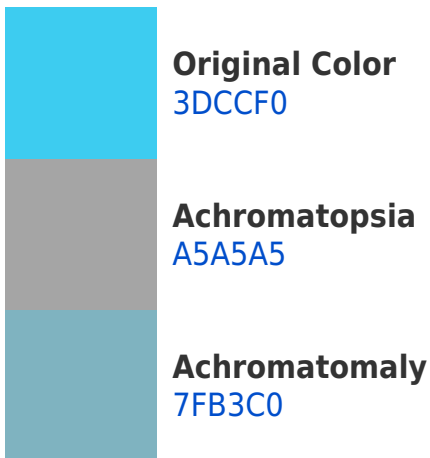




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DCCF0 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 #3DCCF0 looks like.

```
.text, #text, p{  
    color:#3DCCF0  
}
```

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 #3DCCF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DCCF0
}
```

## Border

The CSS property to change the border of an element to Hex 3DCCF0 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
#3DCCF0 }
```

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

```
.border{ border-color:#3DCCF0 }
```

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

Here you see how a box with a 4 pixel #3DCCF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DCCF0; -webkit-box-shadow:4px 4px  
4px 4px #3DCCF0; box-shadow:4px 4px 4px  
4px #3DCCF0 }
```

# Background

The CSS property to change the background color of an element to Hex 3DCCF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DCCF0 }
```

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

```
.background{ background-color:#3DCCF0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor