

# Converting Colors

Hex(3CD4F2)

Have a look what the booklet for  
Hex(3CD4F2) contains.

<b>Hex(3CD4F2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(3CD4F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CD4F2
RGB	60, 212, 242
RGB Percent	24%, 83%, 95%
CMY	0.7647, 0.1686, 0.0510
CMYK	0.75, 0.12, 0.00, 0.05
HSL	190°, 87%, 59%
HSV	190°, 75%, 95%
XYZ	41.4340, 54.4584, 92.3321
YIQ	169.9720, -100.2220, -22.8940

# Conversions

## Conversions Part 2

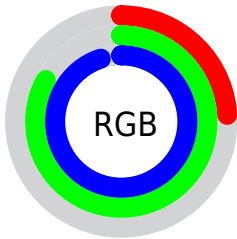
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 143, 242
Decimal	3986674
CIELab	78.73, -29.19, -25.98
CIELCh	79, 39.079, 221.668
Yxy	54.4584, 0.2201, 0.2893
Android (android.graphics.Color)	4282176754 (0xFF3CD4F2)
YUV	169.9720, 35.5098, -96.4454
Hunter-Lab	73.7960, -28.9211, -22.5254

# Details

The Hex color **3CD4F2** 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 **F25A3C**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **85FFFF**, and **009DBA** is the 20% darker color. If you saturate the color by 10%, you get **24D0F2**, and if you desaturate by 10%, it is **54D8F2**.

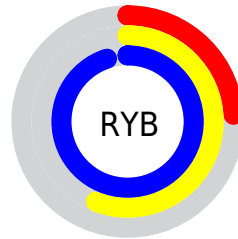
# Distribution



Red (24%)

Green (83%)

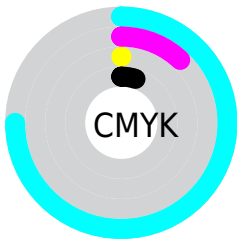
Blue (95%)



Red (24%)

Yellow (56%)

Blue (95%)

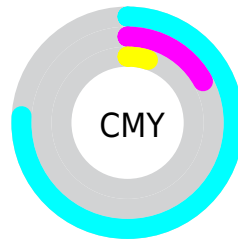


Cyan (75%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (76%)

Magenta (17%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CD4F2 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 3CD4F2 by changing the saturation by 10% instead.



 3CD4F2

 3CD4F2

FFFFFF

 00B8D6


 85FFFF

 009DBA

 A5FFFF

 00839F

 C5FFFF

 006985

 E4FFFF

 00516B

 003953

 00243C

 000326

 00010F

 3CD4F2

 3CD4F2

 24D0F2

 54D8F2

 0CCCCF2

 6CDCF2

 00CAF2

 85E0F2

 9DE4F2

 B5E8F2

 CDECF2

 E5F0F2

 FEF4F2

 FFF8F2

# Harmonies

## Analogous

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



4BD7D0



3CD4F2



6BCDFF

# Triad

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



3CD4F2



FCAADB



CDC57B

# Complementary

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



3CD4F2



F25A3C

# 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.



EFB97E



3CD4F2



FFA7B6

# Square

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



3CD4F2



D9B4F9



FFAD94



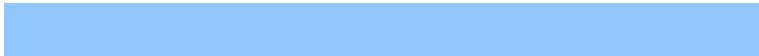
A5CF8B

# Rectangle

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



3CD4F2



93C6FF



FFAD94



D9C17A



# Sweetspot

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



3CD4F2



C4F5FF



3CF257



5C7A80



000000



808080

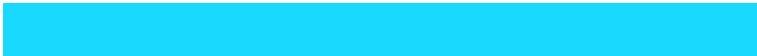


# Same Dimension

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



3CD4F2



19D9FF



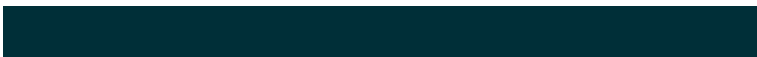
3C7CF2



6C7678



0099B8



002F38



# Inverse Universe

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



F23CD4



FF19D9



F2B23C



786C76



B80099

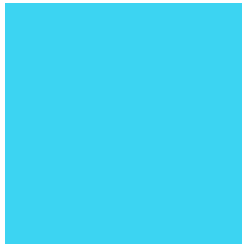


38002F



# Previews

## White Background



This preview shows how the Hex color 3CD4F2 looks on a white background.

## Color Contrast Check

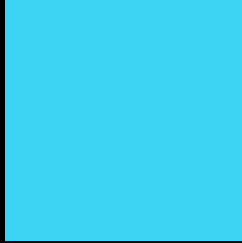
Large Text (above 18pt) WCAG AA × Fail

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 3CD4F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

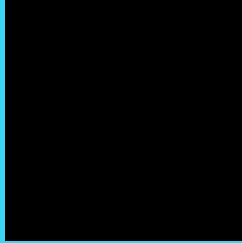
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CD4F2 Background



This preview shows how black text looks on a background with the Hex color 3CD4F2.

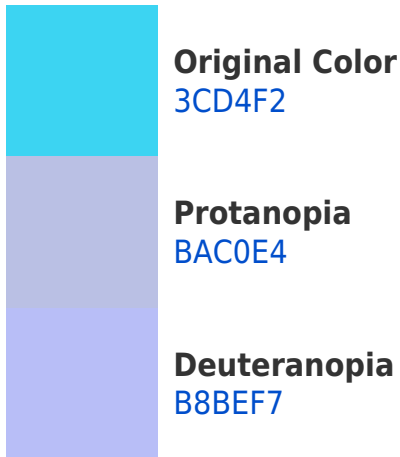


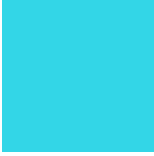
This preview shows how white text looks on a background with the Hex color 3CD4F2.

# 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](#).

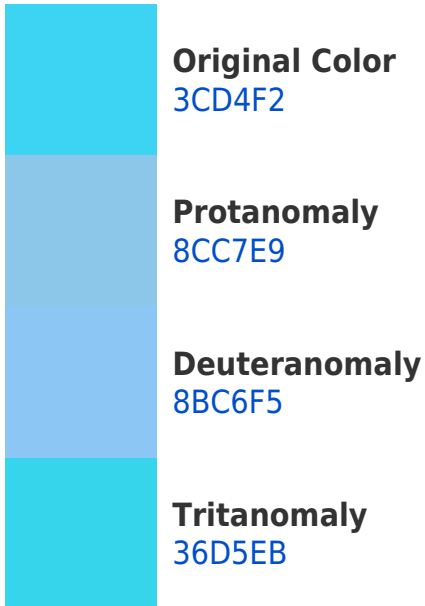
## Dichromacy



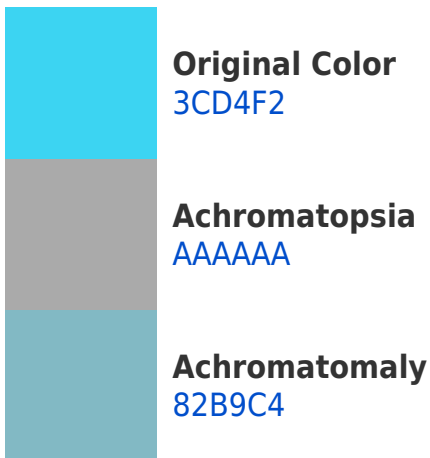


**Tritanopia**  
33D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CD4F2 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 #3CD4F2 looks like.

```
.text, #text, p{  
    color:#3CD4F2  
}
```

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 #3CD4F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CD4F2
}
```

## Border

The CSS property to change the border of an element to Hex 3CD4F2 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
#3CD4F2 }
```

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

```
.border{ border-color:#3CD4F2 }
```

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

Here you see how a box with a 4 pixel #3CD4F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CD4F2; -webkit-box-shadow:4px 4px  
4px 4px #3CD4F2; box-shadow:4px 4px 4px  
4px #3CD4F2 }
```

# Background

The CSS property to change the background color of an element to Hex 3CD4F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CD4F2 }
```

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

```
.background{ background-color:#3CD4F2 }
```

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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