

# Converting Colors

Hex(3DC5F2)

Have a look what the booklet for  
Hex(3DC5F2) contains.

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# **Color**

**Hex(3DC5F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DC5F2
RGB	61, 197, 242
RGB Percent	24%, 77%, 95%
CMY	0.7608, 0.2275, 0.0510
CMYK	0.75, 0.19, 0.00, 0.05
HSL	195°, 87%, 59%
HSV	195°, 75%, 95%
XYZ	37.9177, 47.3354, 91.1426
YIQ	161.4660, -95.5010, -14.8370

# Conversions

## Conversions Part 2

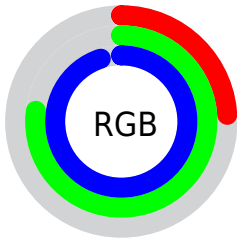
Format	Color
R <sub>YB</sub>	61, 139, 242
Decimal	4048370
CIE Lab	74.40, -21.60, -32.62
CIE LCh	74, 39.120, 236.494
Yxy	47.3354, 0.2150, 0.2683
Android (android.graphics.Color)	4282238450 (0xFF3DC5F2)
YUV	161.4660, 39.7033, -88.1087
Hunter-Lab	68.8007, -22.0257, -30.3829

# Details

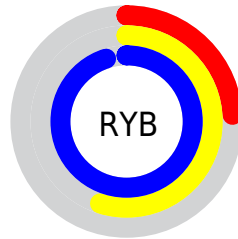
The Hex color **3DC5F2** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F26A3D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **84FEFF**, and **008FBA** is the 20% darker color. If you saturate the color by 10%, you get **25BFF2**, and if you desaturate by 10%, it is **55CBF2**.

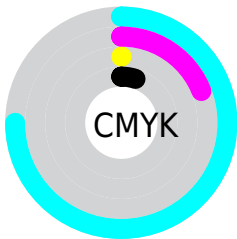
# Distribution



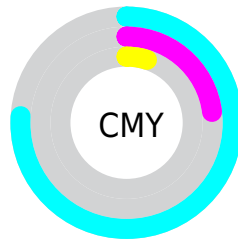
- Red (24%)
- Green (77%)
- Blue (95%)



- Red (24%)
- Yellow (55%)
- Blue (95%)



- Cyan (75%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (76%)
- Magenta (23%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DC5F2 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 3DC5F2 by changing the saturation by 10% instead.



 3DC5F2

 3DC5F2

FFFFFF

 00AAD6

 84FEFF

 008FBA

 A4FFFF

 00759F

 C3FFFF

 005D84

 E3FFFF

 00456B

 002E52

 001B3B

 000225

 00010E

■ 3DC5F2

■ 3DC5F2

■ 25BFF2

■ 55CBF2

■ 0DB9F2

■ 6DD1F2

■ 00B6F2

■ 86D7F2

■ 9EDDF2

■ B6E3F2

■ CEE9F2

■ E6EFF2

■ FFF5F2

■ FFFBF2

# Harmonies

## Analogous

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



25CAD6



3DC5F2



7CBCFE

# Triad

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



3DC5F2



F99BBD



AEBF75

# Complementary

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



3DC5F2



F26A3D

# 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.



D3B36F



3DC5F2



FD9D99

# Square

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



3DC5F2



E0A3DF



EFA77C



84C68E

# Rectangle

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



3DC5F2



A3B4FC



EFA77C



BBBB71

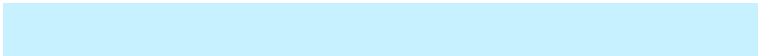


# Sweetspot

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



3DC5F2



C7F1FF



3DF267



5E7780



000000



808080



# Same Dimension

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



3DC5F2



19C6FF



3D6DF2



6C7578



008AB8



002A38



# Inverse Universe

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



F23DC5



FF19C6



F2C23D



786C75



B8008A

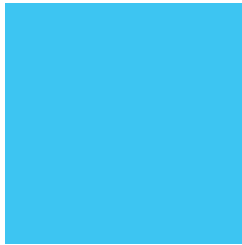


38002A



# Previews

## White Background



This preview shows how the Hex color 3DC5F2 looks on a white background.

## Color Contrast Check

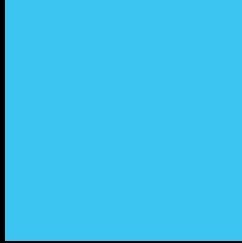
Large Text (above 18pt) WCAG AA × Fail

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 3DC5F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

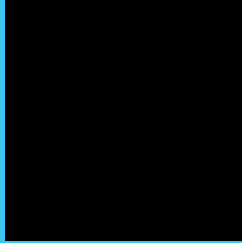
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3DC5F2 Background



This preview shows how black text looks on a background with the Hex color 3DC5F2.

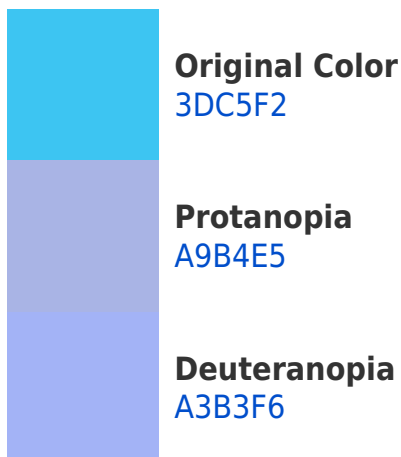


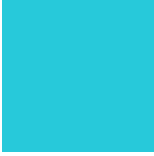
This preview shows how white text looks on a background with the Hex color 3DC5F2.

# 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](#).

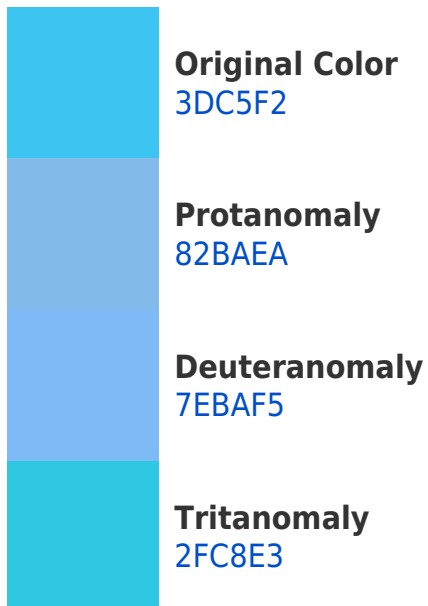
## Dichromacy



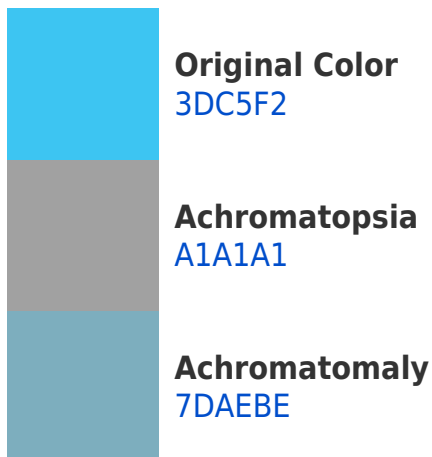


**Tritanopia**  
27C9DA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DC5F2 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 #3DC5F2 looks like.

```
.text, #text, p{  
    color:#3DC5F2  
}
```

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 #3DC5F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DC5F2
}
```

## Border

The CSS property to change the border of an element to Hex 3DC5F2 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
#3DC5F2 }
```

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

```
.border{ border-color:#3DC5F2 }
```

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

Here you see how a box with a 4 pixel #3DC5F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DC5F2; -webkit-box-shadow:4px 4px  
4px 4px #3DC5F2; box-shadow:4px 4px 4px  
4px #3DC5F2 }
```

# Background

The CSS property to change the background color of an element to Hex 3DC5F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DC5F2 }
```

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

```
.background{ background-color:#3DC5F2 }
```

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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