

# Converting Colors

Hex(38CFD8)

Have a look what the booklet for  
Hex(38CFD8) contains.

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# Color

Hex(38CFD8)

# Conversions

## Conversions Part 1

Format	Color
Hex	38CFD8
RGB	56, 207, 216
RGB Percent	22%, 81%, 85%
CMY	0.7804, 0.1882, 0.1529
CMYK	0.74, 0.04, 0.00, 0.15
HSL	183°, 67%, 53%
HSV	183°, 74%, 85%
XYZ	36.3384, 50.4243, 72.7834
YIQ	162.8770, -92.8850, -29.2130

# Conversions

## Conversions Part 2

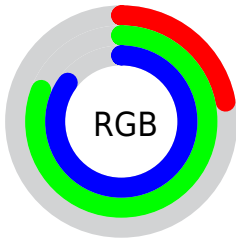
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 134, 216
Decimal	3723224
CIELab	76.33, -35.08, -15.68
CIELCh	76, 38.423, 204.092
Yxy	50.4243, 0.2278, 0.3160
Android (android.graphics.Color)	4281913304 (0xFF38CFD8)
YUV	162.8770, 26.1896, -93.7311
Hunter-Lab	71.0100, -32.9228, -11.0636




# Details

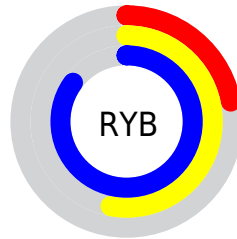
The Hex color **38CFD8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D84138**, and the grayscale version is **A3A3A3**.




A 20% lighter version of the original color is **7FFFFFFF**, and **0098A1** is the 20% darker color. If you saturate the color by 10%, you get **22CED8**, and if you desaturate by 10%, it is **4ED0D8**.

# Distribution







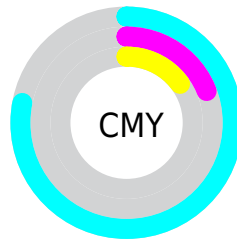
-  Red (22%)
-  Green (81%)
-  Blue (85%)






-  Red (22%)
-  Yellow (53%)
-  Blue (85%)



-  Cyan (74%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (15%)



-  Cyan (78%)
-  Magenta (19%)
-  Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38CFD8 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 38CFD8 by changing the saturation by 10% instead.



 38CFD8

 38CFD8

FFFFFF

 00B3BC

 7FFFFFFF

 0098A1

 9FFFFFFF

 007E87

 BEFFFF

 00646E

 DDFFFF

 004C55

 FCFFFF

 00343E

 001F28

 000114

 000000

 38CFD8

 38CFD8

 22CED8

 4ED0D8

 0DCDD8

 63D1D8

 00CCD8

 79D3D8

 8ED4D8

 A4D5D8

 BAD6D8

 CFD8D8

 E5D9D8

 FADAD8

# Harmonies

## Analogous

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



61CFB4



38CFD8



46CBF5

# Triad

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



38CFD8



E3A9E6



DAB875

# Complementary

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



38CFD8



D84138

# 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.



F5AC84



38CFD8



FCA2C5

# Square

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



38CFD8



B7B6FD



FFA3A1



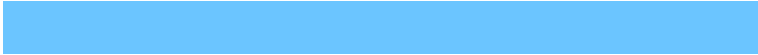
B7C37A

# Rectangle

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



38CFD8



6BC5FF



FFA3A1



E5B478



# Sweetspot

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



38CFD8



C7FCFF



38D840



5E7E80



000000



808080



# Same Dimension

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



38CFD8



1CF2FF



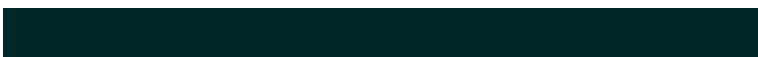
3880D8



606A6B



00A1AB



00292B



# Inverse Universe

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



D838CF



FF1CF2



D89038



6B606A



AB00A1

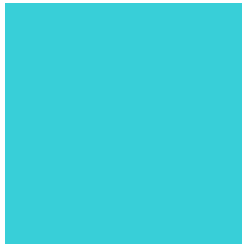


2B0029



# Previews

## White Background



This preview shows how the Hex color 38CFD8 looks on a white background.

## Color Contrast Check

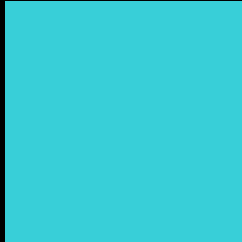
Large Text (above 18pt) WCAG AA × Fail

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 38CFD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

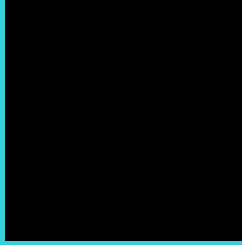
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 38CFD8 Background



This preview shows how black text looks on a background with the Hex color 38CFD8.

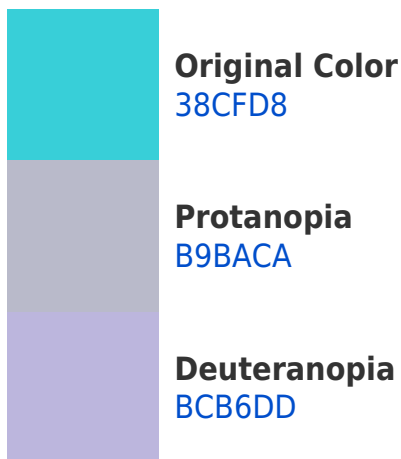


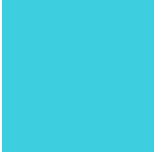
This preview shows how white text looks on a background with the Hex color 38CFD8.

# 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](#).

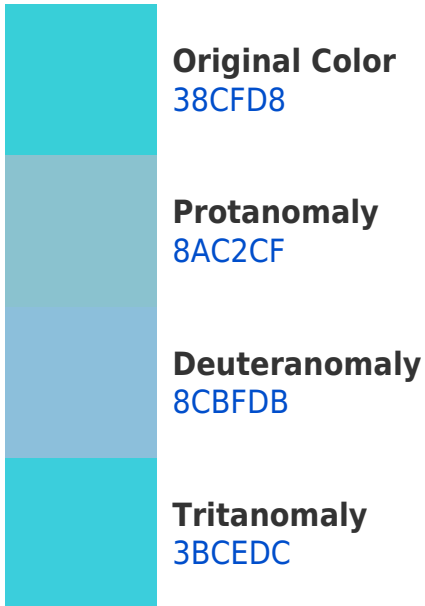
## Dichromacy



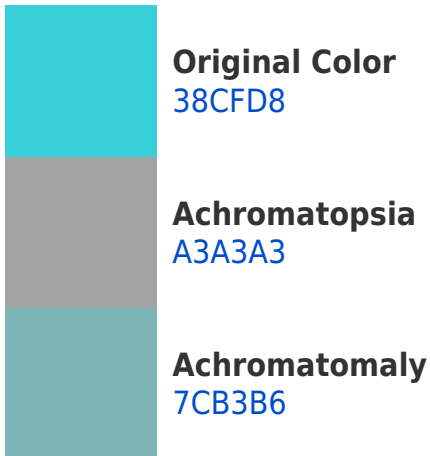


**Tritanopia**  
3DCEDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38CFD8 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 #38CFD8 looks like.

```
.text, #text, p{  
    color:#38CFD8  
}
```

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 #38CFD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38CFD8
}
```

## Border

The CSS property to change the border of an element to Hex 38CFD8 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
#38CFD8 }
```

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

```
.border{ border-color:#38CFD8 }
```

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

Here you see how a box with a 4 pixel #38CFD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38CFD8; -webkit-box-shadow:4px 4px  
4px 4px #38CFD8; box-shadow:4px 4px 4px  
4px #38CFD8 }
```

# Background

The CSS property to change the background color of an element to Hex 38CFD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38CFD8 }
```

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

```
.background{ background-color:#38CFD8 }
```

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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