

# Converting Colors

Hex(3DCBF8)

Have a look what the booklet for  
Hex(3DCBF8) contains.

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# **Color**

**Hex(3DCBF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DCBF8
RGB	61, 203, 248
RGB Percent	24%, 80%, 97%
CMY	0.7608, 0.2039, 0.0275
CMYK	0.75, 0.18, 0.00, 0.03
HSL	194°, 93%, 61%
HSV	194°, 75%, 97%
XYZ	40.2237, 50.4813, 96.4308
YIQ	165.6720, -99.0770, -16.1090

# Conversions

## Conversions Part 2

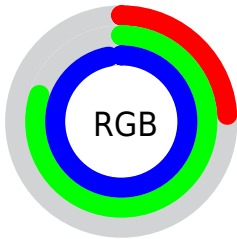
Format	Color
<b>RYB</b>	61, 142, 248
Decimal	4049912
CIELab	76.36, -22.73, -32.82
CIElCh	76, 39.919, 235.295
Yxy	50.4813, 0.2149, 0.2698
Android (android.graphics.Color)	4282239992 (0xFF3DCBF8)
YUV	165.6720, 40.5877, -91.7973
Hunter-Lab	71.0502, -23.2835, -30.7345

# Details

The Hex color **3DCBF8** 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 **F86A3D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **86FFFF**, and **0095BF** is the 20% darker color. If you saturate the color by 10%, you get **24C5F8**, and if you desaturate by 10%, it is **56D1F8**.

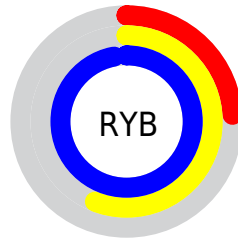
# Distribution



Red (24%)

Green (80%)

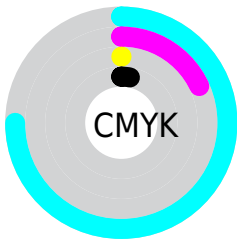
Blue (97%)



Red (24%)

Yellow (56%)

Blue (97%)

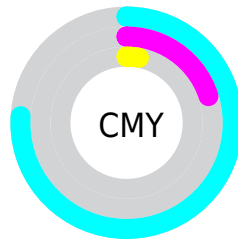


Cyan (75%)

Magenta (18%)

Yellow (0%)

Black (3%)



Cyan (76%)

Magenta (20%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DCBF8 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 3DCBF8 by changing the saturation by 10% instead.



 3DCBF8

 3DCBF8

FFFFFF

 00AFDB

 86FFFF

 0095BF

 A6FFFF

 007BA4

 C5FFFF

 00628A

 E5FFFF

 004A70

 003357

 002040

 00032A

 000114

■ 3DCBF8

■ 3DCBF8

■ 24C5F8

■ 56D1F8

■ 0BBFF8

■ 6FD7F8

■ 00BCF8

■ 87DDF8

■ A0E3F8

■ B9E9F8

■ D2EFF8

■ EBF5F8

■ FFFBF8

■ FFFFF8

# Harmonies

## Analogous

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



28D0DB



3DCBF8



7DC2FF

# Triad

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



3DCBF8



FFA0C4



B5C478

# Complementary

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



3DCBF8



F86A3D

# 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.



DAB872



3DCBF8



FFA29F

# Square

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



3DCBF8



E5A8E7



F6AB81



8ACC91

# Rectangle

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



3DCBF8



A6B9FF



F6AB81



C2C074

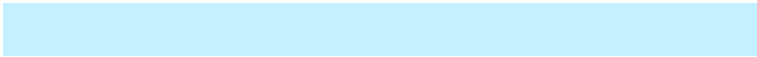


# Sweetspot

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



3DCBF8



C4F1FF



3DF869



5C7780



000000



808080

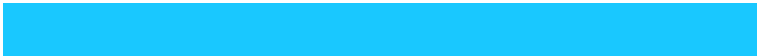


# Same Dimension

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



3DCBF8



19C8FF



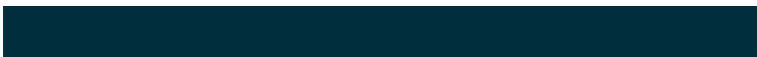
3D6FF8



707A7D



008FBD



002E3D



# Inverse Universe

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



F83DCB



FF19C8



F8C63D



7D707A



BD008F

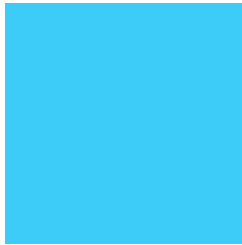


3D002E



# Previews

## White Background



This preview shows how the Hex color 3DCBF8 looks on a white background.

## Color Contrast Check

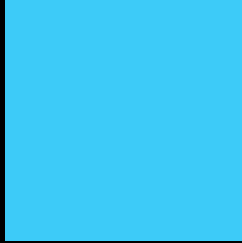
Large Text (above 18pt) WCAG AA × Fail

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 3DCBF8 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 3DCBF8 Background



This preview shows how black text looks on a background with the Hex color 3DCBF8.

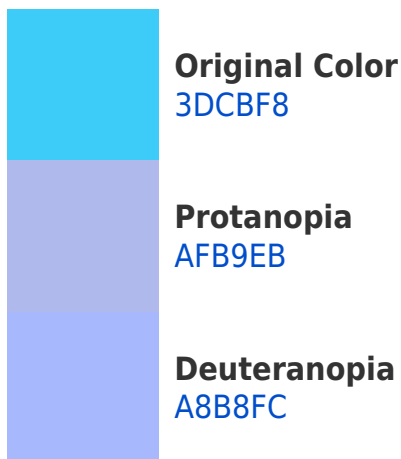


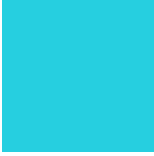
This preview shows how white text looks on a background with the Hex color 3DCBF8.

# 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**  
26CFE0

# Trichromacy



**Original Color**  
3DCBF8



**Protanomaly**  
86C0F0



**Deuteranomaly**  
81BFFB



**Tritanomaly**  
2ECEE9

# Monochromacy



**Original Color**  
3DCBF8



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
80B3C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DCBF8 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 #3DCBF8 looks like.

```
.text, #text, p{  
    color:#3DCBF8  
}
```

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 #3DCBF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DCBF8
}
```

## Border

The CSS property to change the border of an element to Hex 3DCBF8 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
#3DCBF8 }
```

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

```
.border{ border-color:#3DCBF8 }
```

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

Here you see how a box with a 4 pixel #3DCBF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DCBF8; -webkit-box-shadow:4px 4px  
4px 4px #3DCBF8; box-shadow:4px 4px 4px  
4px #3DCBF8 }
```

# Background

The CSS property to change the background color of an element to Hex 3DCBF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DCBF8 }
```

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

```
.background{ background-color:#3DCBF8 }
```

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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