

Converting Colors

Hex(3DBFCB)

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

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Color

Hex(3DBFCB)

Conversions

Conversions Part 1

Format	Color
Hex	3DBFCB
RGB	61, 191, 203
RGB Percent	24%, 75%, 80%
CMY	0.7608, 0.2510, 0.2039
CMYK	0.70, 0.06, 0.00, 0.20
HSL	185°, 58%, 52%
HSV	185°, 70%, 80%
XYZ	31.3348, 42.5655, 63.0644
YIQ	153.4980, -81.3320, -23.8280

Conversions

Conversions Part 2

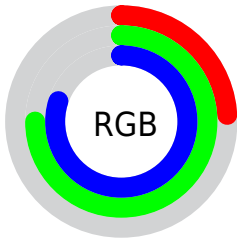
Format	Color
RYB	61, 129, 203
Decimal	4046795
CIELab	71.26, -30.71, -16.27
CIElCh	71, 34.751, 207.911
Yxy	42.5655, 0.2288, 0.3108
Android (android.graphics.Color)	4282236875 (0xFF3DBFCB)
YUV	153.4980, 24.4045, -81.1207
Hunter-Lab	65.2422, -28.4433, -11.6412




Details

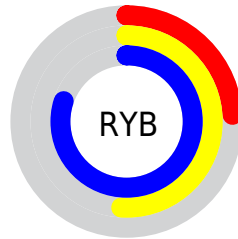
The Hex color **3DBFCB** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **CB493D**, and the grayscale version is **999999**.




A 20% lighter version of the original color is **7FF8FF**, and **008995** is the 20% darker color. If you saturate the color by 10%, you get **29BDCB**, and if you desaturate by 10%, it is **51C1CB**.

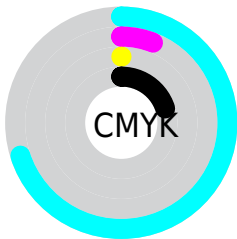
Distribution







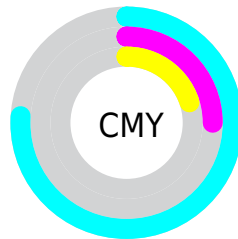
-  Red (24%)
-  Green (75%)
-  Blue (80%)






-  Red (24%)
-  Yellow (51%)
-  Blue (80%)



-  Cyan (70%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (20%)



-  Cyan (76%)
-  Magenta (25%)
-  Yellow (20%)

Brightness & Saturation Gradients

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

 3DBFCB

 3DBFCB

FFFFFF

 00A4B0

 7FF8FF

 008995

 9EFFFF

 006F7B

 BCFFFF

 005662

 DAFFFF

 003F4A

 F9FFFF

 002834

 000A1F

 000003

 000000

■ 3DBFCB

■ 3DBFCB

■ 29BDCB

■ 51C1CB

■ 14BCCB

■ 66C2CB

■ 00BACB

■ 7AC4CB

■ 8EC6CB

■ A3C8CB

■ B7C9CB

■ CBCBCB

■ DFCDCB

■ F4CECB

Harmonies

Analogous

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



59C0AB



3DBFCB



4FBBE3

Triad

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



3DBFCB



D59CD1



C6AC6F

Complementary

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



3DBFCB



CB493D

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.



DFA17A



3DBFCB



E997B2

Square

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



3DBFCB



AFA7E6



EC9892



A5B576

Rectangle

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



3DBFCB



6EB5EC



EC9892



CFA871

Sweetspot

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



3DBFCB



C9FAFF



3DCB49



607D80



000000



808080

Same Dimension

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



3DBFCB



29EDFF



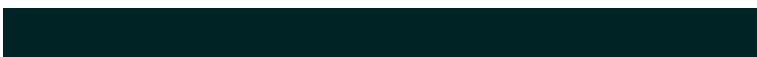
3D78CB



5C6566



0098A6



002326

Inverse Universe

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



CB3DBF



FF29ED



CB903D



665C65



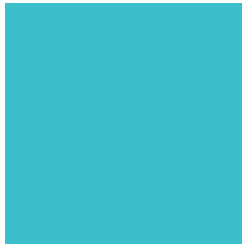
A60098



260023

Previews

White Background



This preview shows how the Hex color 3DBFCB 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 3DBFCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

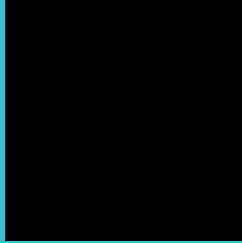
Any Text WCAG AA ✓ Pass

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 3DBFCB Background



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

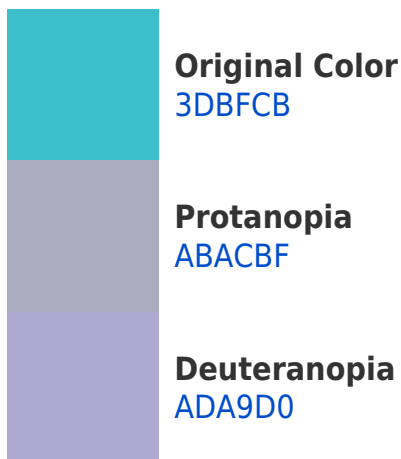


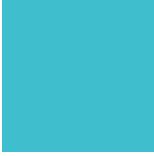
This preview shows how white text looks on a background with the Hex color 3DBFCB.

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
3FBFCE

Trichromacy



Original Color
3DBFCB



Protanomaly
83B3C3



Deuteranomaly
84B1CE



Tritanomaly
3EBFCD

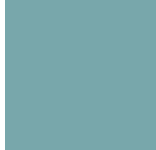
Monochromacy



Original Color
3DBFCB



Achromatopsia
999999



Achromatomaly
78A7AB

CSS Examples

Text

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

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

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 #3DBFCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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