

Converting Colors

Hex(3BDCCB)

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

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Color

Hex(3BDCCB)

Conversions

Conversions Part 1

Format	Color
Hex	3BDCCB
RGB	59, 220, 203
RGB Percent	23%, 86%, 80%
CMY	0.7686, 0.1373, 0.2039
CMYK	0.73, 0.00, 0.08, 0.14
HSL	174°, 70%, 55%
HSV	174°, 73%, 86%
XYZ	38.1763, 56.4280, 65.3795
YIQ	169.9230, -90.4990, -39.4190

Conversions

Conversions Part 2

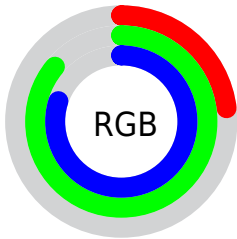
Format	Color
RYB	59, 144, 220
Decimal	3923147
CIELab	79.86, -44.26, -3.46
CIELCh	80, 44.400, 184.468
Yxy	56.4280, 0.2386, 0.3527
Android (android.graphics.Color)	4282113227 (0xFF3BDCCB)
YUV	169.9230, 16.3070, -97.2795
Hunter-Lab	75.1186, -40.7413, 0.9799

Details

The Hex color **3BDCCB** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **DC3B4C**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **82FFFF**, and **00A495** is the 20% darker color. If you saturate the color by 10%, you get **25DCC9**, and if you desaturate by 10%, it is **51DCCD**.

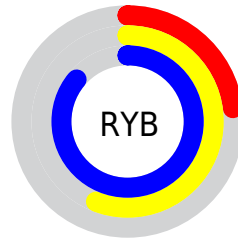
Distribution



Red (23%)

Green (86%)

Blue (80%)



Red (23%)

Yellow (56%)

Blue (86%)

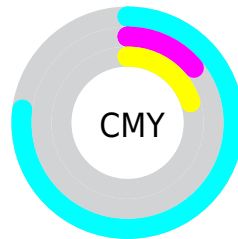


Cyan (73%)

Magenta (0%)

Yellow (8%)

Black (14%)



Cyan (77%)

Magenta (14%)

Yellow (20%)

Brightness & Saturation Gradients

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

 3BDCCB

 3BDCCB

FFFFFF

 00C0B0

 82FFFF

 00A495

 A1FFFF

 00897B

 C0FFFF

 006F62

 DFFFFF

 00564B

FEFFFF

 003D34

 00281F

 000008

 000000

 3BDCCB

 3BDCCB

 25DCC9

 51DCCD

 0FDCC6

 67DCD0

 00DCC5

 7DDCD2

 93DCD4

 A9DCD7

 BFDCD9

 D5DCDB

 EBDCDE

 FFDCE0

Harmonies

Analogous

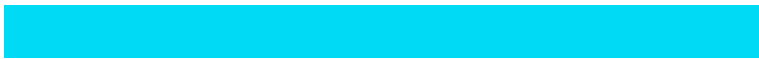
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7CD9A1



3BDCCB



00DAF4

Triad

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



3BDCCB



D3B9FF



FEB77C

Complementary

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



3BDCCB



DC3B4C

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.



FFAA99



3BDCCB



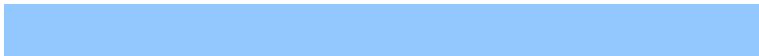
FFABEA

Square

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



3BDCCB



93C8FF



FFA5C1



DBC672

Rectangle

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



3BDCCB



1AD7FF



FFA5C1



FFB284

Sweetspot

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



3BDCCB



C7FFF9



4EDC3B



5E807C



000000



808080

Same Dimension

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



3BDCCB



1FFFE7



3B9EDC



636E6C



00AD9B



002E29

Inverse Universe

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



DC3B4C



FF1F36



DC793B



6E6364



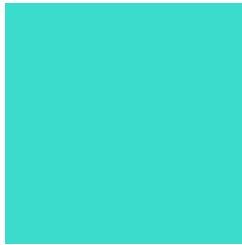
AD0012



2E0005

Previews

White Background



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

Color Contrast Check

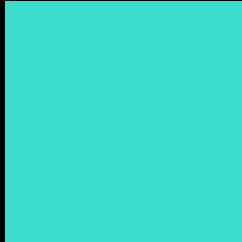
Large Text (above 18pt) WCAG AA × Fail

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 3BDCCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

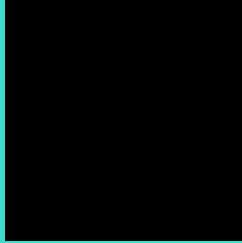
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

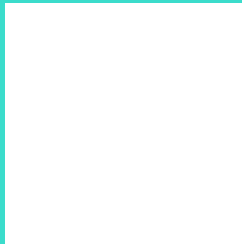
Any Text WCAG AAA ✓ Pass

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

Hex 3BDCCB Background



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

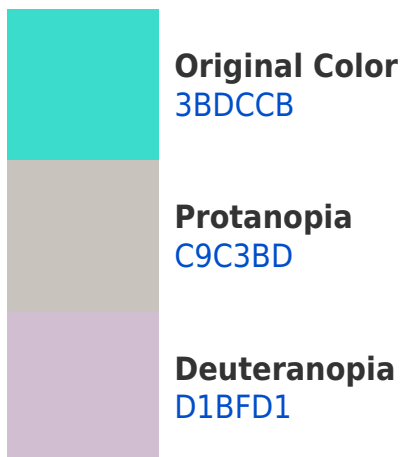


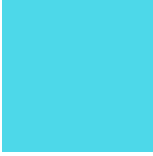
This preview shows how white text looks on a background with the Hex color 3BDCCB.

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



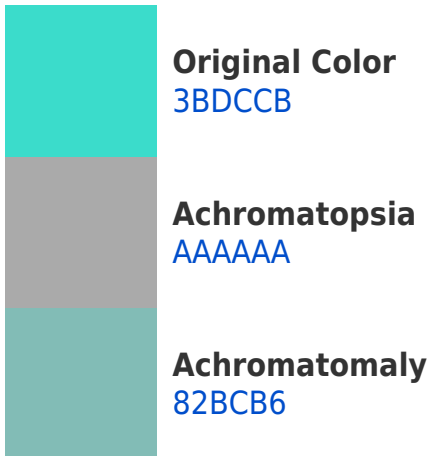


Tritanopia
4DD8E9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #3BDCCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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