

Converting Colors

Hex(3BCED1)

Have a look what the booklet for
Hex(3BCED1) contains.

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Color

Hex(3BCED1)

Conversions

Conversions Part 1

Format	Color
Hex	3BCED1
RGB	59, 206, 209
RGB Percent	23%, 81%, 82%
CMY	0.7686, 0.1922, 0.1804
CMYK	0.72, 0.01, 0.00, 0.18
HSL	181°, 62%, 53%
HSV	181°, 72%, 82%
XYZ	35.3836, 49.6759, 68.0451
YIQ	162.3890, -88.5750, -30.2310

Conversions

Conversions Part 2

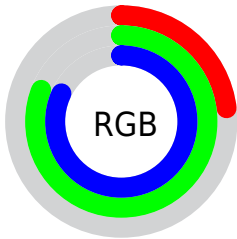
Format	Color
RYB	59, 133, 209
Decimal	3919569
CIELab	75.87, -36.30, -12.60
CIELCh	76, 38.427, 199.134
Yxy	49.6759, 0.2311, 0.3245
Android (android.graphics.Color)	4282109649 (0xFF3BCED1)
YUV	162.3890, 22.9792, -90.6722
Hunter-Lab	70.4811, -33.7298, -7.9040




Details

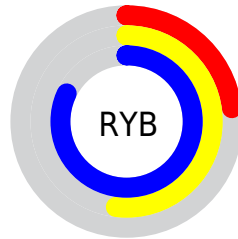
The Hex color **3BCED1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D13E3B**, and the grayscale version is **A2A2A2**.




A 20% lighter version of the original color is **80FFFF**, and **00979B** is the 20% darker color. If you saturate the color by 10%, you get **26CED1**, and if you desaturate by 10%, it is **50CED1**.

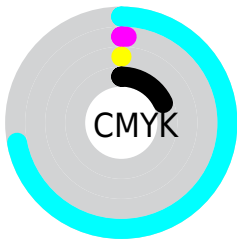
Distribution







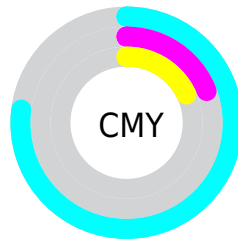
-  Red (23%)
-  Green (81%)
-  Blue (82%)






-  Red (23%)
-  Yellow (52%)
-  Blue (82%)



-  Cyan (72%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (18%)



-  Cyan (77%)
-  Magenta (19%)
-  Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BCED1 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 3BCED1 by changing the saturation by 10% instead.

 3BCED1

 3BCED1

FFFFFF

 00B2B5

 80FFFF

 00979B

 9FFFFFF

 007D81

 BEFFFF

 006368

 DDFFFF

 004B50

 FCFFFF

 003339

 001E23

 00010D

 000000

■ 3BCED1

■ 3BCED1

■ 26CED1

■ 50CED1

■ 11CDD1

■ 65CFD1

■ 00CDD1

■ 7ACFD1

■ 8FD0D1

■ A4D0D1

■ B8D1D1

■ CDD1D1

■ E2D1D1

■ F7D2D1

Harmonies

Analogous

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



67CDAC



3BCED1



3DCAF0

Triad

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



3BCED1



DBAAEA



DEB475

Complementary

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



3BCED1



D13E3B

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.



F7A887



3BCED1



F8A1C9

Square

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



3BCED1



ADB7FE



FFA1A5



BCC077

Rectangle

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



3BCED1



5FC6FC



FFA1A5



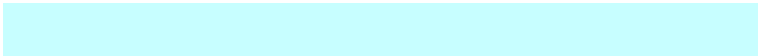
E8B079

Sweetspot

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



3BCED1



C7FEFF



3BD13E



5E7F80



000000



808080

Same Dimension

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



3BCED1



24FBFF



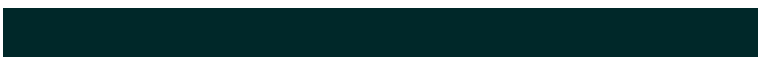
3B84D1



5E6869



00A5A8



002829

Inverse Universe

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



D13BCE



FF24FB



D1893B



695E68



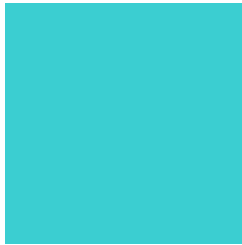
A800A5



290028

Previews

White Background



This preview shows how the Hex color 3BCED1 looks on a white background.

Color Contrast Check

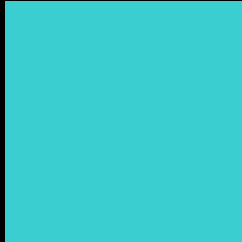
Large Text (above 18pt) WCAG AA × Fail

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 3BCED1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

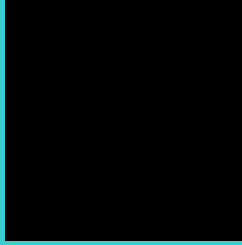
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

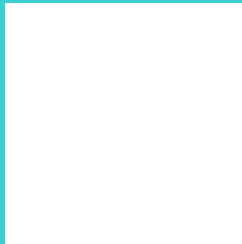
Any Text WCAG AAA ✓ Pass

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

Hex 3BCED1 Background



This preview shows how black text looks on a background with the Hex color 3BCED1.

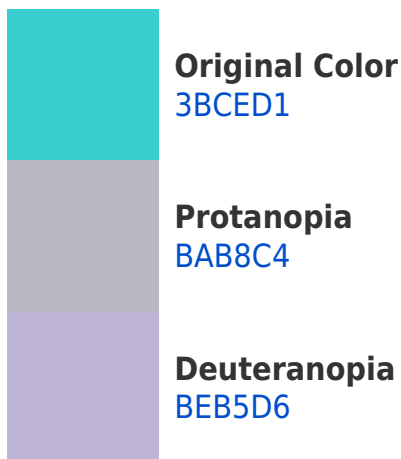


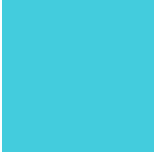
This preview shows how white text looks on a background with the Hex color 3BCED1.

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
43CCDD

Trichromacy



Original Color
3BCED1



Protanomaly
8CC0C9



Deuteranomaly
8EBED4



Tritanomaly
40CDD9

Monochromacy



Original Color
3BCED1



Achromatopsia
A2A2A2



Achromatomaly
7DB2B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BCED1 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 #3BCED1 looks like.

```
.text, #text, p{  
    color:#3BCED1  
}
```

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 #3BCED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BCED1
}
```

Border

The CSS property to change the border of an element to Hex 3BCED1 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
#3BCED1 }
```

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

```
.border{ border-color:#3BCED1 }
```

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

Here you see how a box with a 4 pixel #3BCED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BCED1; -webkit-box-shadow:4px 4px  
4px 4px #3BCED1; box-shadow:4px 4px 4px  
4px #3BCED1 }
```

Background

The CSS property to change the background color of an element to Hex 3BCED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BCED1 }
```

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

```
.background{ background-color:#3BCED1 }
```

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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