

Converting Colors

Hex(3BD1E2)

Have a look what the booklet for
Hex(3BD1E2) contains.

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Color

Hex(3BD1E2)

Conversions

Conversions Part 1

Format	Color
Hex	3BD1E2
RGB	59, 209, 226
RGB Percent	23%, 82%, 89%
CMY	0.7686, 0.1804, 0.1137
CMYK	0.74, 0.08, 0.00, 0.11
HSL	186°, 74%, 56%
HSV	186°, 74%, 89%
XYZ	38.3316, 52.0217, 79.9724
YIQ	166.0880, -94.8570, -26.5130

Conversions

Conversions Part 2

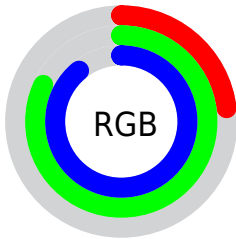
Format	Color
RYB	59, 138, 226
Decimal	3920354
CIELab	77.29, -32.72, -19.60
CIElCh	77, 38.139, 210.922
Yxy	52.0217, 0.2250, 0.3054
Android (android.graphics.Color)	4282110434 (0xFF3BD1E2)
YUV	166.0880, 29.5366, -93.9162
Hunter-Lab	72.1261, -31.3564, -15.2517

Details

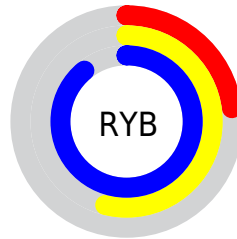
The Hex color **3BD1E2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E24C3B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **82FFFF**, and **009AAB** is the 20% darker color. If you saturate the color by 10%, you get **24CFE2**, and if you desaturate by 10%, it is **52D3E2**.

Distribution



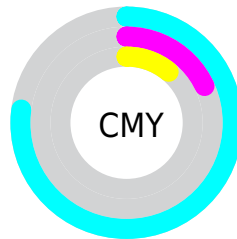
- Red (23%)
- Green (82%)
- Blue (89%)



- Red (23%)
- Yellow (54%)
- Blue (89%)



- Cyan (74%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (77%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BD1E2 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 3BD1E2 by changing the saturation by 10% instead.

 3BD1E2

 3BD1E2


FFFFFF

 00B5C6

 82FFFF

 009AAB

 A2FFFF


 008090

 C1FFFF

 006676

 E0FFFF

 004E5E

 003646

 002230

 00011B

 000000

■ 3BD1E2

■ 3BD1E2

■ 24CFE2

■ 52D3E2

■ 0ECCE2

■ 68D6E2

■ 00CBE2

■ 7FD8E2

■ 95DAE2

■ ACDDE2

■ C3DFE2

■ D9E1E2

■ F0E3E2

■ FFE6E2

Harmonies

Analogous

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



5AD2BF



3BD1E2



57CCFC

Triad

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



3BD1E2



EDAAE2



D6BD78

Complementary

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



3BD1E2



E24C3B

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.



F3B182



3BD1E2



FFA4BF

Square

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



3BD1E2



C5B5FB



FFA79C



B0C881

Rectangle

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



3BD1E2



7CC6FF



FFA79C



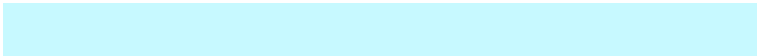
E0B979

Sweetspot

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



3BD1E2



C7F9FF



3BE24C



5E7C80



000000



808080

Same Dimension

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



3BD1E2



1CE8FF



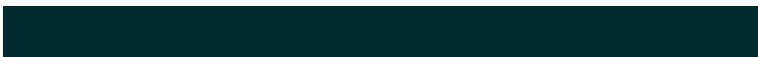
3B7EE2



656F70



009EB0



002C30

Inverse Universe

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



E23BD1



FF1CE8



E29F3B



70656F



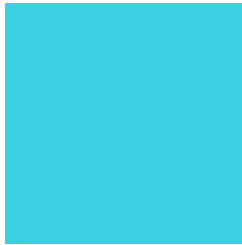
B0009E



30002C

Previews

White Background



This preview shows how the Hex color 3BD1E2 looks on a white background.

Color Contrast Check

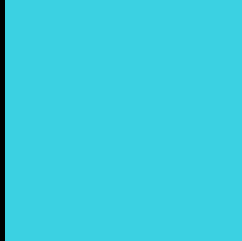
Large Text (above 18pt) WCAG AA × Fail

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 3BD1E2 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 3BD1E2 Background



This preview shows how black text looks on a background with the Hex color 3BD1E2.

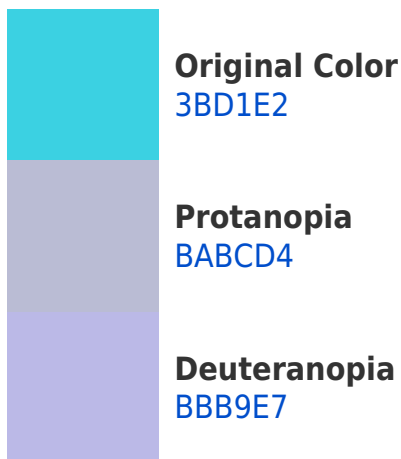


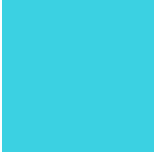
This preview shows how white text looks on a background with the Hex color 3BD1E2.

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



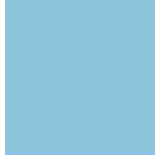


Tritanopia
3BD1E2

Trichromacy



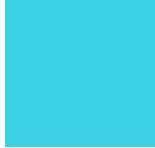
Original Color
3BD1E2



Protanomaly
8CC4D9



Deuteranomaly
8CC2E5

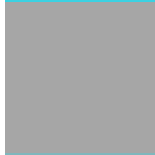


Tritanomaly
3BD1E2

Monochromacy



Original Color
3BD1E2



Achromatopsia
A6A6A6



Achromatomaly
7FB6BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BD1E2 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 #3BD1E2 looks like.

```
.text, #text, p{  
    color:#3BD1E2  
}
```

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 #3BD1E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BD1E2
}
```

Border

The CSS property to change the border of an element to Hex 3BD1E2 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
#3BD1E2 }
```

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

```
.border{ border-color:#3BD1E2 }
```

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

Here you see how a box with a 4 pixel #3BD1E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BD1E2; -webkit-box-shadow:4px 4px  
4px 4px #3BD1E2; box-shadow:4px 4px 4px  
4px #3BD1E2 }
```

Background

The CSS property to change the background color of an element to Hex 3BD1E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BD1E2 }
```

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

```
.background{ background-color:#3BD1E2 }
```

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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