

Converting Colors

Hex(32D3EB)

Have a look what the booklet for
Hex(32D3EB) contains.

Hex(32D3EB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(32D3EB)

Conversions

Conversions Part 1

Format	Color
Hex	32D3EB
RGB	50, 211, 235
RGB Percent	20%, 83%, 92%
CMY	0.8039, 0.1725, 0.0784
CMYK	0.79, 0.10, 0.00, 0.08
HSL	188°, 82%, 56%
HSV	188°, 79%, 92%
XYZ	39.6051, 53.2648, 86.7910
YIQ	165.5970, -103.6600, -26.6680

Conversions

Conversions Part 2

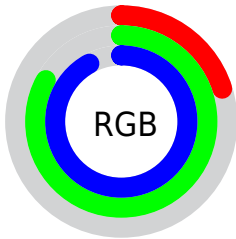
Format	Color
R _Y B	50, 136, 235
Decimal	3331051
CIE Lab	78.03, -31.85, -23.32
CIE LCh	78, 39.472, 216.208
Yxy	53.2648, 0.2204, 0.2965
Android (android.graphics.Color)	4281521131 (0xFF32D3EB)
YUV	165.5970, 34.2157, -101.3786
Hunter-Lab	72.9827, -30.8544, -19.4197

Details

The Hex color **32D3EB** 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 **EB4A32**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7FFFFFFF**, and **009CB3** is the 20% darker color. If you saturate the color by 10%, you get **1AD0EB**, and if you desaturate by 10%, it is **49D6EB**.

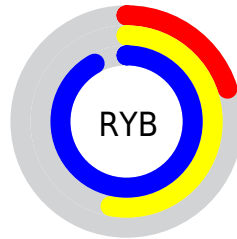
Distribution



Red (20%)

Green (83%)

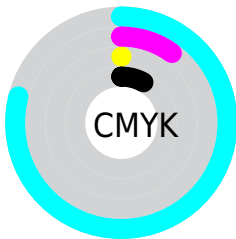
Blue (92%)



Red (20%)

Yellow (53%)

Blue (92%)

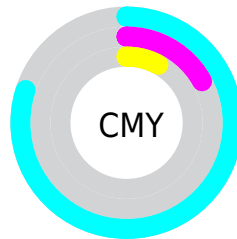


Cyan (79%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (80%)

Magenta (17%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32D3EB 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 32D3EB by changing the saturation by 10% instead.

 32D3EB

 32D3EB

FFFFFF

 00B7CF

 7FFFFFFF

 009CB3

 9FFFFFFF

 008298

 BFFFFFFF

 00687E

 DEFFFFFF

 004F65

FEFFFF

 00384D

 002436

 000221

 000007

 32D3EB

 32D3EB

 1AD0EB

 49D6EB

 03CDEB

 61D9EB

 00CDEB

 78DCEB

 90DFEB

 A7E2EB

 BFE5EB

 D6E8EB

 EEEBEB

 FFEEEB

Harmonies

Analogous

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



4FD5C8



32D3EB



5CCDFE

Triad

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



32D3EB



F6A9DF



D2C177

Complementary

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



32D3EB



EB4A32

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.



F2B57F



32D3EB



FFA5BB

Square

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



32D3EB



CFB5FC



FFA997



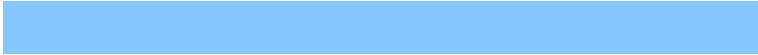
ABCC85

Rectangle

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



32D3EB



85C6FF



FFA997



DEBD77

Sweetspot

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



32D3EB



C2F7FF



32EB48



5B7B80



000000



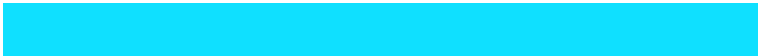
808080

Same Dimension

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



32D3EB



0FE0FF



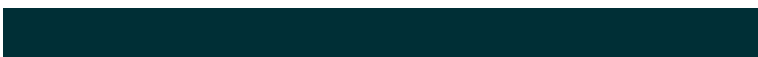
3279EB



6A7475



009EB5



002F36

Inverse Universe

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



EB32D3



FF0FE0



EBA432



756A74



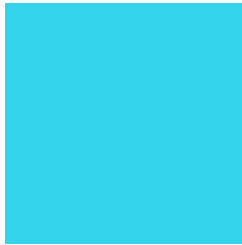
B5009E



36002F

Previews

White Background



This preview shows how the Hex color 32D3EB looks on a white background.

Color Contrast Check

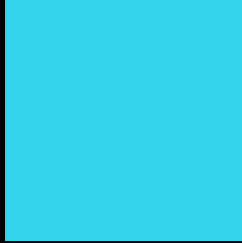
Large Text (above 18pt) WCAG AA × Fail

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 32D3EB 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 32D3EB Background



This preview shows how black text looks on a background with the Hex color 32D3EB.

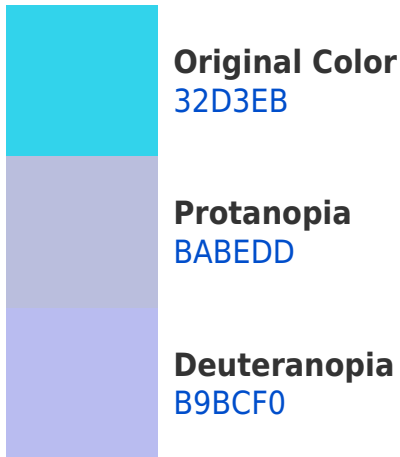


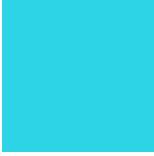
This preview shows how white text looks on a background with the Hex color 32D3EB.

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



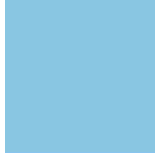


Tritanopia
2CD4E5

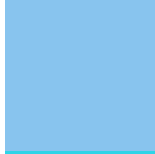
Trichromacy



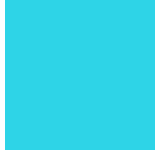
Original Color
32D3EB



Protanomaly
89C6E2



Deuteranomaly
88C4EE

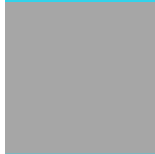


Tritanomaly
2ED4E7

Monochromacy



Original Color
32D3EB



Achromatopsia
A6A6A6



Achromatomaly
7CB6BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 32D3EB 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 #32D3EB looks like.

```
.text, #text, p{  
    color:#32D3EB  
}
```

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 #32D3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32D3EB
}
```

Border

The CSS property to change the border of an element to Hex 32D3EB 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
#32D3EB }
```

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

```
.border{ border-color:#32D3EB }
```

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

Here you see how a box with a 4 pixel #32D3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32D3EB; -webkit-box-shadow:4px 4px  
4px 4px #32D3EB; box-shadow:4px 4px 4px  
4px #32D3EB }
```

Background

The CSS property to change the background color of an element to Hex 32D3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32D3EB }
```

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

```
.background{ background-color:#32D3EB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor