

Converting Colors

Hex(32B3EB)

Have a look what the booklet for
Hex(32B3EB) contains.

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Color

Hex(32B3EB)

Conversions

Conversions Part 1

Format	Color
Hex	32B3EB
RGB	50, 179, 235
RGB Percent	20%, 70%, 92%
CMY	0.8039, 0.2980, 0.0784
CMYK	0.79, 0.24, 0.00, 0.08
HSL	198°, 82%, 56%
HSV	198°, 79%, 92%
XYZ	32.4309, 38.9165, 84.3996
YIQ	146.8130, -94.8600, -9.9320

Conversions

Conversions Part 2

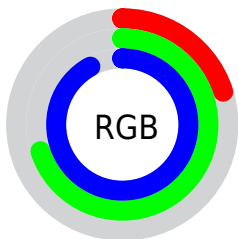
Format	Color
RYB	50, 126, 235
Decimal	3322859
CIELab	68.69, -15.66, -37.70
CIELCh	69, 40.823, 247.448
Yxy	38.9165, 0.2082, 0.2499
Android (android.graphics.Color)	4281512939 (0xFF32B3EB)
YUV	146.8130, 43.4762, -84.9050
Hunter-Lab	62.3831, -16.3741, -36.5468

Details

The Hex color **32B3EB** is a light color, and the websafe version is hex **0099CC**. The color can be described as light washed azure. A complement of this color would be **EB6A32**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7CEBFF**, and **007EB3** is the 20% darker color. If you saturate the color by 10%, you get **1AACEB**, and if you desaturate by 10%, it is **49BAEB**.

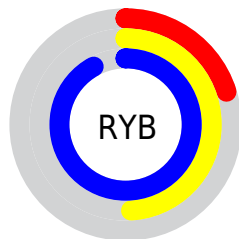
Distribution



Red (20%)

Green (70%)

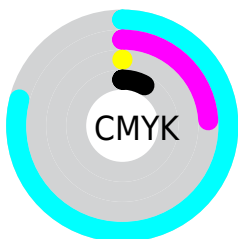
Blue (92%)



Red (20%)

Yellow (49%)

Blue (92%)

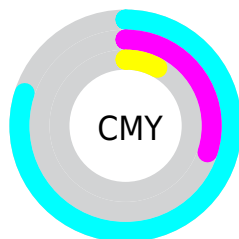


Cyan (79%)

Magenta (24%)

Yellow (0%)

Black (8%)



Cyan (80%)

Magenta (30%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32B3EB 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 32B3EB by changing the saturation by 10% instead.

 32B3EB

 32B3EB

FFFFFF

 0098CF

 7CEBFF

 007EB3

 9CFFFF

 006598

 BBFFFF

 004D7E

 DAFFFF

 003765

 F9FFFF

 00224C

 000535

 00021F

 000002

■ 32B3EB

■ 32B3EB

■ 1AACEB

■ 49BAEB

■ 03A5EB

■ 61C1EB

■ 00A4EB

■ 78C8EB

■ 90CFEB

■ A7D7EB

■ BFDEEB

■ D6E5EB

■ EEECEB

■ FFF3EB

Harmonies

Analogous

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



00B9D3



32B3EB



7FA8F0

Triad

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



32B3EB



EE8AA0



8FB36B

Complementary

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



32B3EB



EB6A32

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.



B6A85D



32B3EB



EB907C

Square

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



32B3EB



DD8EC5



D69C64



60B98A

Rectangle

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



32B3EB



A79FE9



D69C64



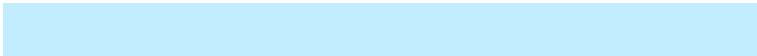
9CB064

Sweetspot

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



32B3EB



C2ECFF



32EB6A



5B7480



000000



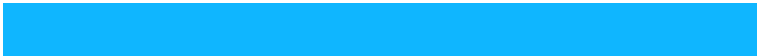
808080

Same Dimension

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



32B3EB



0FB6FF



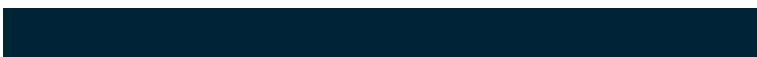
3257EB



6A7275



007EB5



002536

Inverse Universe

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



EB32B3



FF0FB6



EBC632



756A72



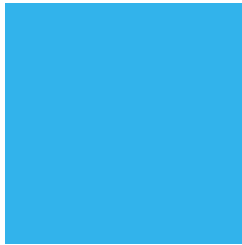
B5007E



360025

Previews

White Background



This preview shows how the Hex color 32B3EB looks on a white background.

Color Contrast Check

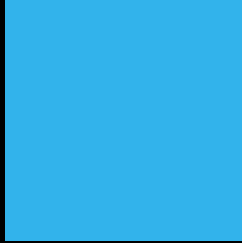
Large Text (above 18pt) WCAG AA × Fail

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 32B3EB 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

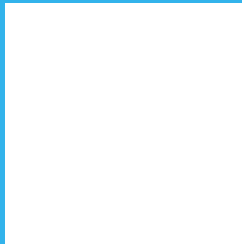
Any Text WCAG AAA ✓ Pass

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

Hex 32B3EB Background



This preview shows how black text looks on a background with the Hex color 32B3EB.

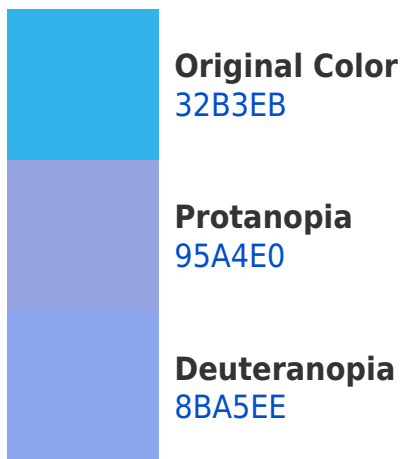


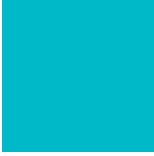
This preview shows how white text looks on a background with the Hex color 32B3EB.

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](#).

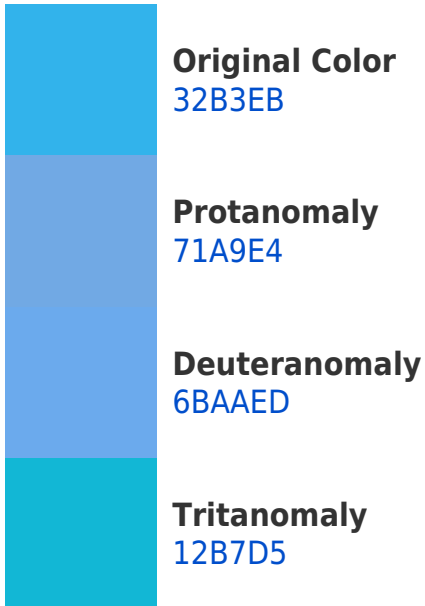
Dichromacy





Tritanopia
00B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 32B3EB 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 #32B3EB looks like.

```
.text, #text, p{  
    color:#32B3EB  
}
```

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 #32B3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32B3EB
}
```

Border

The CSS property to change the border of an element to Hex 32B3EB 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
#32B3EB }
```

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

```
.border{ border-color:#32B3EB }
```

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

Here you see how a box with a 4 pixel #32B3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32B3EB; -webkit-box-shadow:4px 4px  
4px 4px #32B3EB; box-shadow:4px 4px 4px  
4px #32B3EB }
```

Background

The CSS property to change the background color of an element to Hex 32B3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32B3EB }
```

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

```
.background{ background-color:#32B3EB }
```

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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