

# Converting Colors

Hex(32B3DF)

Have a look what the booklet for  
Hex(32B3DF) contains.

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# **Color**

**Hex(32B3DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32B3DF
RGB	50, 179, 223
RGB Percent	20%, 70%, 87%
CMY	0.8039, 0.2980, 0.1255
CMYK	0.78, 0.20, 0.00, 0.13
HSL	195°, 73%, 54%
HSV	195°, 78%, 87%
XYZ	30.7548, 38.2460, 75.5733
YIQ	145.4450, -91.0080, -13.6640

# Conversions

## Conversions Part 2

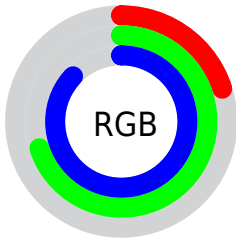
Format	Color
R <sub>YB</sub>	50, 124, 223
Decimal	3322847
CIE Lab	68.20, -19.67, -31.90
CIE LCh	68, 37.482, 238.339
Yxy	38.2460, 0.2127, 0.2645
Android (android.graphics.Color)	4281512927 (0xFF32B3DF)
YUV	145.4450, 38.2346, -83.7053
Hunter-Lab	61.8434, -19.4576, -29.1627

# Details

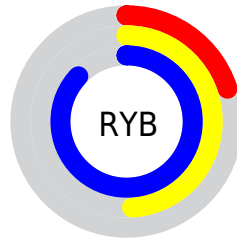
The Hex color **32B3DF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DF5E32**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7AEBFF**, and **007EA8** is the 20% darker color. If you saturate the color by 10%, you get **1CADDF**, and if you desaturate by 10%, it is **48B9DF**.

# Distribution



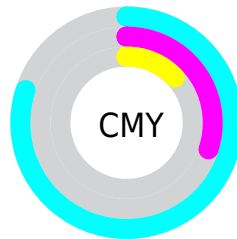
- Red (20%)
- Green (70%)
- Blue (87%)



- Red (20%)
- Yellow (49%)
- Blue (87%)



- Cyan (78%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (80%)
- Magenta (30%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32B3DF 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 32B3DF by changing the saturation by 10% instead.



 32B3DF

 32B3DF

FFFFFF

 0098C3

 7AEBFF

 007EA8

 9AFFFF

 00658D

 B8FFFF

 004D73

 D7FFFF

 00365B

 F6FFFF

 002143

 00032D

 000117

 000000

■ 32B3DF

■ 32B3DF

■ 1CADDf

■ 48B9DF

■ 05A8DF

■ 5FBEDF

■ 00A6DF

■ 75C4DF

■ 8BCADF

■ A2CFDF

■ B8D5DF

■ CEDBDF

■ E4E0DF

■ FBE6DF

# Harmonies

## Analogous

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



0BB8C5



32B3DF



71AAE9

# Triad

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



32B3DF



E58CA9



9BAE69

# Complementary

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



32B3DF



DF5E32

# 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.



BEA462



32B3DF



E78E88

# Square

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



32B3DF



CF92CA



D9986E



73B582

# Rectangle

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



32B3DF



97A2E6



D9986E



A8AB65

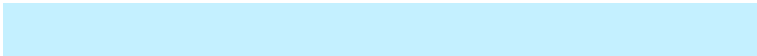


# Sweetspot

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



32B3DF



C4F0FF



32DF5D



5C7680



000000



808080

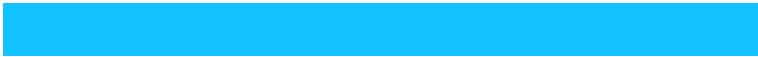


# Same Dimension

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



32B3DF



12C3FF



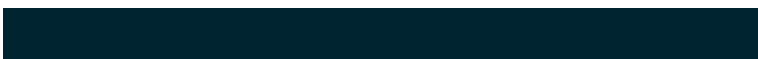
325DDF



656D70



0083B0



002430



# Inverse Universe

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



DF32B3



FF12C3



DFB432



70656D



B00083



300024



# Previews

## White Background



This preview shows how the Hex color 32B3DF looks on a white background.

## Color Contrast Check

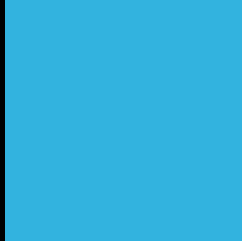
Large Text (above 18pt) WCAG AA × Fail

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 32B3DF 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 32B3DF Background



This preview shows how black text looks on a background with the Hex color 32B3DF.

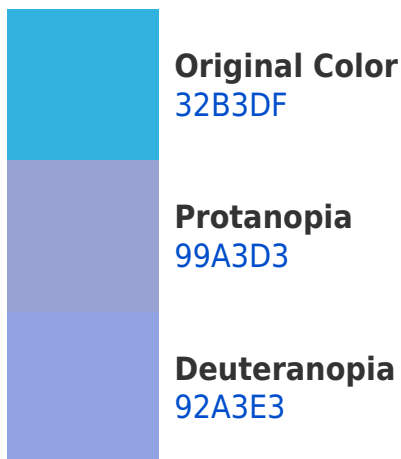


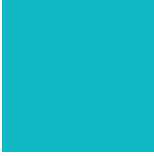
This preview shows how white text looks on a background with the Hex color 32B3DF.

# 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](#).

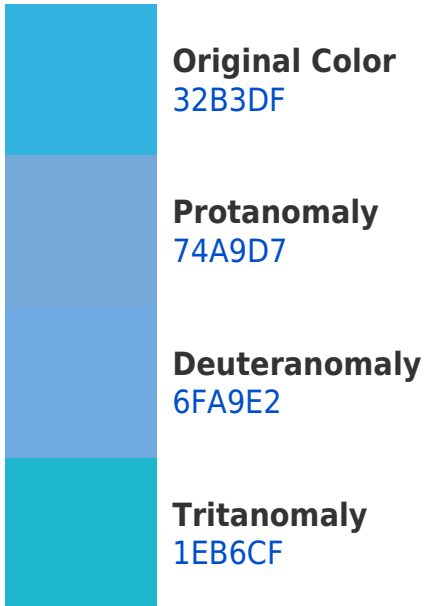
## Dichromacy



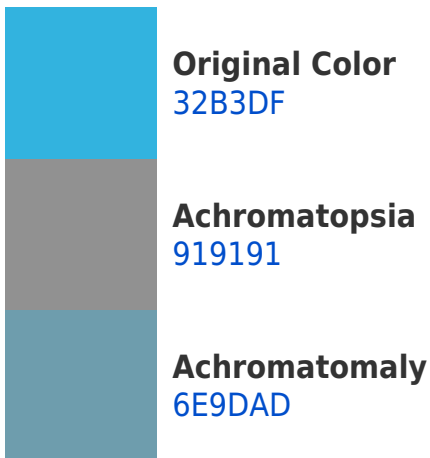


**Tritanopia**  
12B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32B3DF 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 #32B3DF looks like.

```
.text, #text, p{  
    color:#32B3DF  
}
```

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 #32B3DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32B3DF
}
```

## Border

The CSS property to change the border of an element to Hex 32B3DF 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
#32B3DF }
```

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

```
.border{ border-color:#32B3DF }
```

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

Here you see how a box with a 4 pixel #32B3DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32B3DF; -webkit-box-shadow:4px 4px  
4px 4px #32B3DF; box-shadow:4px 4px 4px  
4px #32B3DF }
```

# Background

The CSS property to change the background color of an element to Hex 32B3DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32B3DF }
```

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

```
.background{ background-color:#32B3DF }
```

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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