

# Converting Colors

Hex(32B3E4)

Have a look what the booklet for  
Hex(32B3E4) contains.

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# **Color**

**Hex(32B3E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32B3E4
RGB	50, 179, 228
RGB Percent	20%, 70%, 89%
CMY	0.8039, 0.2980, 0.1059
CMYK	0.78, 0.21, 0.00, 0.11
HSL	197°, 77%, 55%
HSV	197°, 78%, 89%
XYZ	31.4391, 38.5197, 79.1768
YIQ	146.0150, -92.6130, -12.1090

# Conversions

## Conversions Part 2

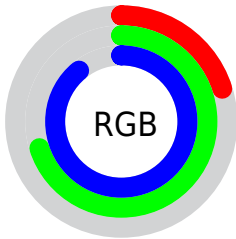
Format	Color
<a href="#">RYB</a>	<a href="#">50, 125, 228</a>
Decimal	<a href="#">3322852</a>
CIELab	<a href="#">68.40, -18.01, -34.33</a>
CIELCh	<a href="#">68, 38.767, 242.317</a>
Yxy	<a href="#">38.5197, 0.2108, 0.2583</a>
Android (android.graphics.Color)	<a href="#">4281512932 (0xFF32B3E4)</a>
YUV	<a href="#">146.0150, 40.4186, -84.2052</a>
Hunter-Lab	<a href="#">62.0643, -18.1921, -32.1926</a>

# Details

The Hex color **32B3E4** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E46332**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7BEBFF**, and **007EAC** is the 20% darker color. If you saturate the color by 10%, you get **1BADE4**, and if you desaturate by 10%, it is **49B9E4**.

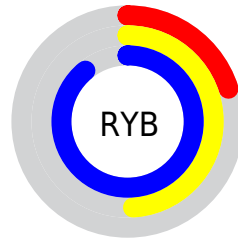
# Distribution



Red (20%)

Green (70%)

Blue (89%)



Red (20%)

Yellow (49%)

Blue (89%)

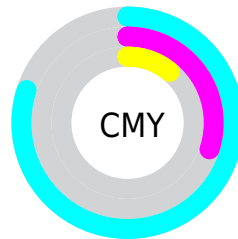


Cyan (78%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (80%)

Magenta (30%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32B3E4 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 32B3E4 by changing the saturation by 10% instead.



32B3E4

32B3E4

FFFFFF

0098C8

7BEBFF

007EAC

9AFFFF

006592

B9FFFF

004D78

D8FFFF

00365F

F7FFFF

002247

000430

00011A

000000

 32B3E4

 32B3E4

 1BADE4

 49B9E4

 04A6E4

 60C0E4

 00A5E4

 76C6E4

 8DCCE4

 A4D2E4

 BBD9E4

 D2DFE4

 E8E5E4

 FFEBE4

# Harmonies

## Analogous

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



00B8CB



32B3E4



77A9EC

# Triad

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



32B3E4



E98BA5



96B06A

# Complementary

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



32B3E4



E46332

# 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.



BBA660



32B3E4



E98F83

# Square

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



32B3E4



D591C8



D8996A



6BB785

# Rectangle

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



32B3E4



9DA1E7



D8996A



A3AD65

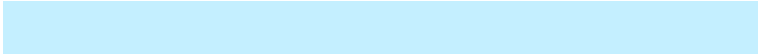


# Sweetspot

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



32B3E4



C4EFFF



32E461



5C7680



000000



808080



# Same Dimension

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



32B3E4



0FBDFE



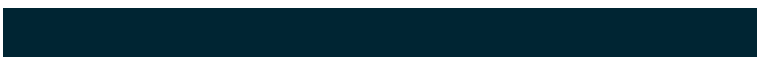
325CE4



677073



0081B3



002533



# Inverse Universe

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



E432B3



FF0FBD



E4BA32



736770



B30081



330025



# Previews

## White Background



This preview shows how the Hex color 32B3E4 looks on a white background.

## Color Contrast Check

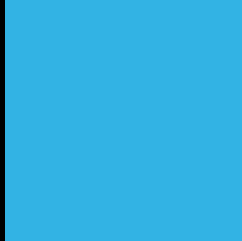
Large Text (above 18pt) WCAG AA × Fail

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 32B3E4 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 32B3E4 Background



This preview shows how black text looks on a background with the Hex color 32B3E4.

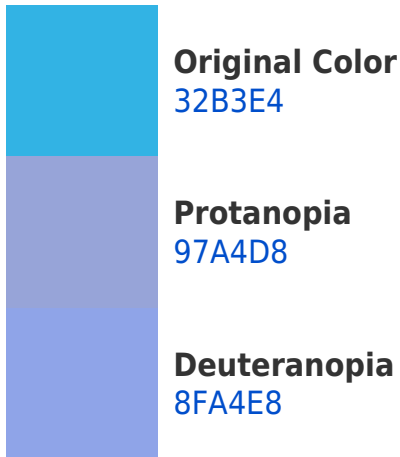


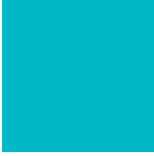
This preview shows how white text looks on a background with the Hex color 32B3E4.

# 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](#).

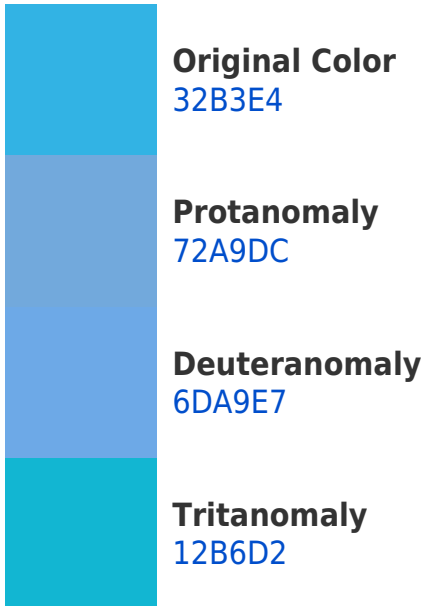
## Dichromacy





**Tritanopia**  
00B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32B3E4 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 #32B3E4 looks like.

```
.text, #text, p{  
    color:#32B3E4  
}
```

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 #32B3E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32B3E4
}
```

## Border

The CSS property to change the border of an element to Hex 32B3E4 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
#32B3E4 }
```

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

```
.border{ border-color:#32B3E4 }
```

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

Here you see how a box with a 4 pixel #32B3E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32B3E4; -webkit-box-shadow:4px 4px  
4px 4px #32B3E4; box-shadow:4px 4px 4px  
4px #32B3E4 }
```

# Background

The CSS property to change the background color of an element to Hex 32B3E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32B3E4 }
```

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

```
.background{ background-color:#32B3E4 }
```

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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