

# Converting Colors

Hex(32CCF0)

Have a look what the booklet for  
Hex(32CCF0) contains.

<b>Hex(32CCF0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(32CCF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32CCF0
RGB	50, 204, 240
RGB Percent	20%, 80%, 94%
CMY	0.8039, 0.2000, 0.0588
CMYK	0.79, 0.15, 0.00, 0.06
HSL	191°, 86%, 57%
HSV	191°, 79%, 94%
XYZ	38.6364, 50.1551, 90.0826
YIQ	162.0580, -103.3400, -21.4520

# Conversions

## Conversions Part 2

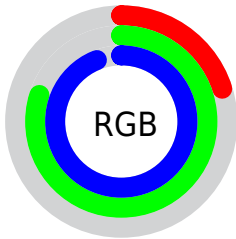
Format	Color
R <sub>YB</sub>	50, 135, 240
Decimal	3329264
CIE Lab	76.16, -26.87, -28.85
CIE LCh	76, 39.427, 227.033
Yxy	50.1551, 0.2160, 0.2804
Android (android.graphics.Color)	4281519344 (0xFF32CCF0)
YUV	162.0580, 38.4254, -98.2749
Hunter-Lab	70.8203, -26.5537, -25.8421

# Details

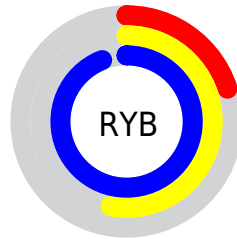
The Hex color **32CCF0** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F05632**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **7FFFFFFF**, and **0096B8** is the 20% darker color. If you saturate the color by 10%, you get **1AC7F0**, and if you desaturate by 10%, it is **4AD1F0**.

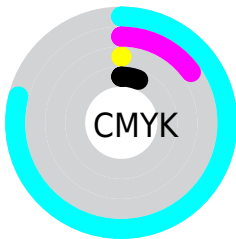
# Distribution



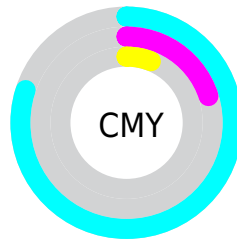
- Red (20%)
- Green (80%)
- Blue (94%)



- Red (20%)
- Yellow (53%)
- Blue (94%)



- Cyan (79%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (80%)
- Magenta (20%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32CCF0 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 32CCF0 by changing the saturation by 10% instead.



 32CCF0

 32CCF0

FFFFFF

 00B0D4


 7FFFFFFF

 0096B8

 9FFFFFFF

 007B9D

 BFFFFFFF

 006283

 DEFFFF

 004A69

FEFFFF

 003351

 00203A

 000224

 00000C

■ 32CCF0

■ 32CCF0

■ 1AC7F0

■ 4AD1F0

■ 02C3F0

■ 62D5F0

■ 00C3F0

■ 7ADAF0

■ 92DEF0

■ AAE3F0

■ C2E7F0

■ DAECF0

■ F2F0F0

■ FFF5F0

# Harmonies

## Analogous

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



37CFD0



32CCF0



6DC4FF

# Triad

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



32CCF0



F9A1CD



BFC075

# Complementary

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



32CCF0



F05632

# 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.



E2B475



32CCF0



FFA0A8

# Square

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



32CCF0



DAABEE



FAA888



96C989

# Rectangle

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



32CCF0



96BCFF



FAA888



CCBC73

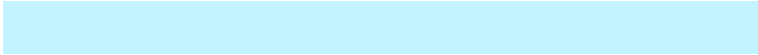


# Sweetspot

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



32CCF0



C2F3FF



32F055



5B7880



000000



808080

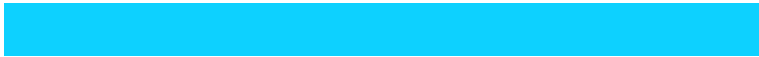


# Same Dimension

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



32CCF0



0DD1FF



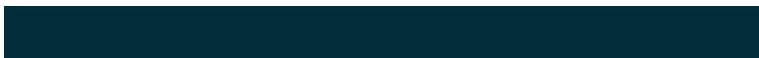
326EF0



6C7678



0095B8



002D38



# Inverse Universe

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



F032CC



FF0DD1



F0B432



786C76



B80095

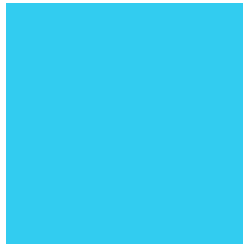


38002D



# Previews

## White Background



This preview shows how the Hex color 32CCF0 looks on a white background.

## Color Contrast Check

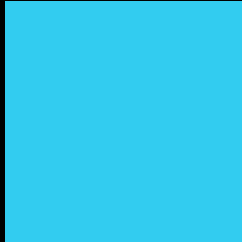
Large Text (above 18pt) WCAG AA × Fail

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 32CCF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

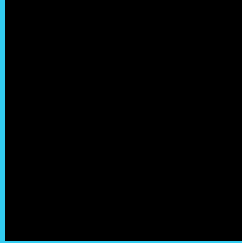
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 32CCF0 Background



This preview shows how black text looks on a background with the Hex color 32CCF0.

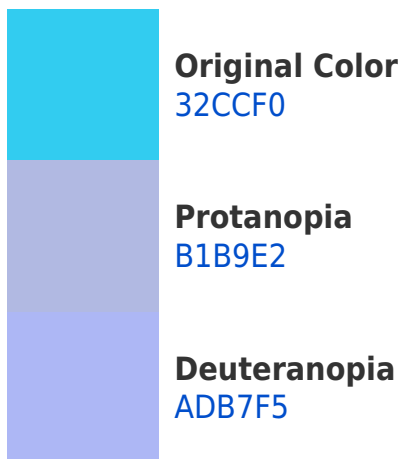


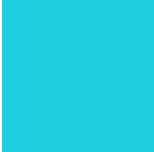
This preview shows how white text looks on a background with the Hex color 32CCF0.

# Color Blindness Simulation

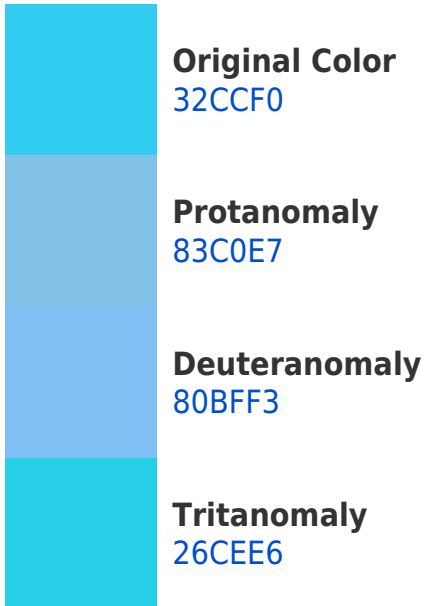
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

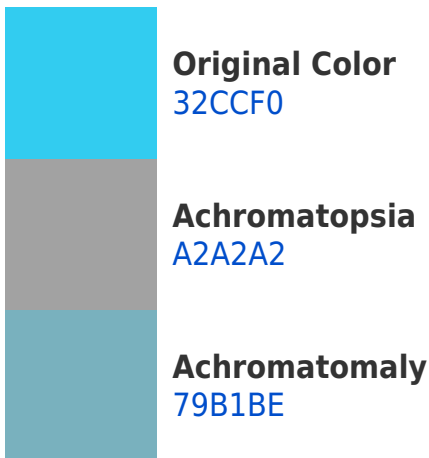




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32CCF0 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 #32CCF0 looks like.

```
.text, #text, p{  
    color:#32CCF0  
}
```

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 #32CCF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32CCF0
}
```

## Border

The CSS property to change the border of an element to Hex 32CCF0 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
#32CCF0 }
```

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

```
.border{ border-color:#32CCF0 }
```

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

Here you see how a box with a 4 pixel #32CCF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32CCF0; -webkit-box-shadow:4px 4px  
4px 4px #32CCF0; box-shadow:4px 4px 4px  
4px #32CCF0 }
```

# Background

The CSS property to change the background color of an element to Hex 32CCF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32CCF0 }
```

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

```
.background{ background-color:#32CCF0 }
```

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