

# Converting Colors

Hex(32D4FF)

Have a look what the booklet for  
Hex(32D4FF) contains.

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# **Color**

**Hex(32D4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32D4FF
RGB	50, 212, 255
RGB Percent	20%, 83%, 100%
CMY	0.8039, 0.1686, 0.0000
CMYK	0.80, 0.17, 0.00, 0.00
HSL	193°, 100%, 60%
HSV	193°, 80%, 100%
XYZ	42.9089, 54.9851, 102.9594
YIQ	168.4640, -110.3550, -20.9710

# Conversions

## Conversions Part 2

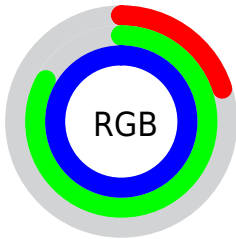
Format	Color
R <sub>YB</sub>	50, 140, 255
Decimal	3331327
CIE Lab	79.03, -26.06, -32.46
CIE LCh	79, 41.622, 231.240
Yxy	54.9851, 0.2136, 0.2738
Android (android.graphics.Color)	4281521407 (0xFF32D4FF)
YUV	168.4640, 42.6622, -103.8929
Hunter-Lab	74.1519, -26.4748, -30.4174

# Details

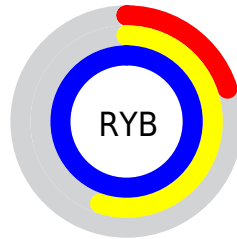
The Hex color **32D4FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF5D32**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **81FFFF**, and **009DC6** is the 20% darker color. If you saturate the color by 10%, you get **18CFFF**, and if you desaturate by 10%, it is **4CD9FF**.

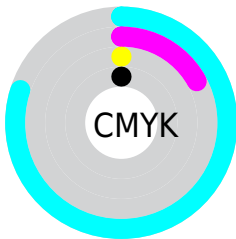
# Distribution



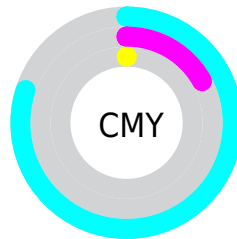
- Red (20%)
- Green (83%)
- Blue (100%)



- Red (20%)
- Yellow (55%)
- Blue (100%)



- Cyan (80%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (17%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32D4FF 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 32D4FF by changing the saturation by 10% instead.



 32D4FF

 32D4FF

FFFFFF

 00B8E2

 81FFFF

 009DC6

 A3FFFF

 0083AB

 C3FFFF

 006990

 E2FFFF

 005176

 003A5D

 002545

 00042F

 000119

 32D4FF

 32D4FF

 18CFFF

 4CD9FF

 00CAFF

 65DFFF

 7FE4FF

 98E9FF

 B2EFFF

 CBF4FF

 E5F9FF

FEFFFF

FFFFFF

# Harmonies

## Analogous

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



29D8DE



32D4FF



78CBFF

# Triad

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



32D4FF



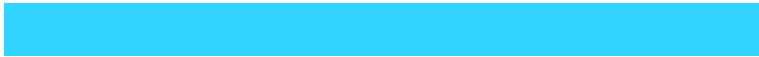
FFA7D1



C1CA7A

# Complementary

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



32D4FF



FF5D32

# 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.



E7BD77



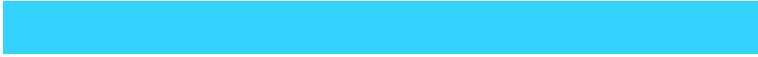
32D4FF



FFA7AA

# Square

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



32D4FF



EAB0F5



FFB089



95D392

# Rectangle

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



32D4FF



A4C3FF



FFB089

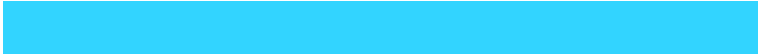


CFC677

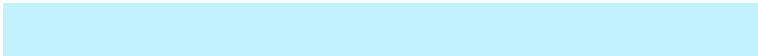


# Sweetspot

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



32D4FF



C2F2FF



32FF5B



5B7880



000000

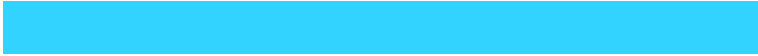


808080



# Same Dimension

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



32D4FF



0ACCFE



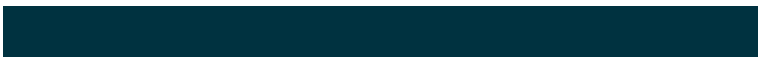
326FFF



737D80



0097BF



003240



# Inverse Universe

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



FF32D4



FF0ACC



FFC232



80737D



BF0097

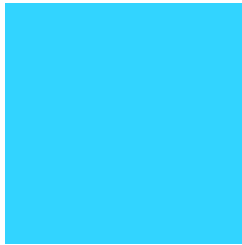


400032



# Previews

## White Background



This preview shows how the Hex color 32D4FF looks on a white background.

## Color Contrast Check

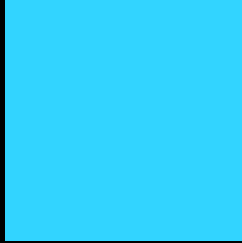
Large Text (above 18pt) WCAG AA × Fail

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 32D4FF 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 32D4FF Background



This preview shows how black text looks on a background with the Hex color 32D4FF.

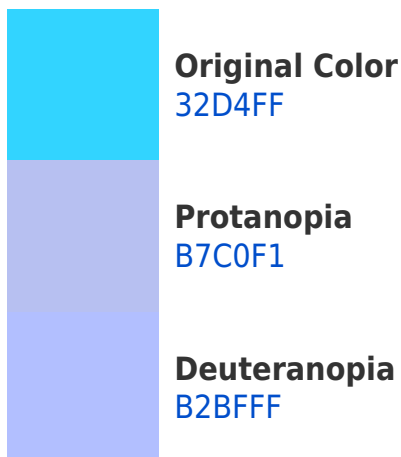


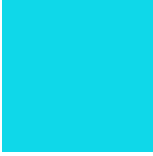
This preview shows how white text looks on a background with the Hex color 32D4FF.

# 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](#).

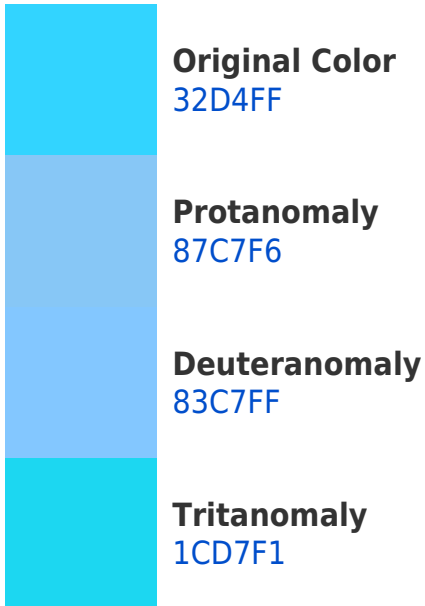
## Dichromacy



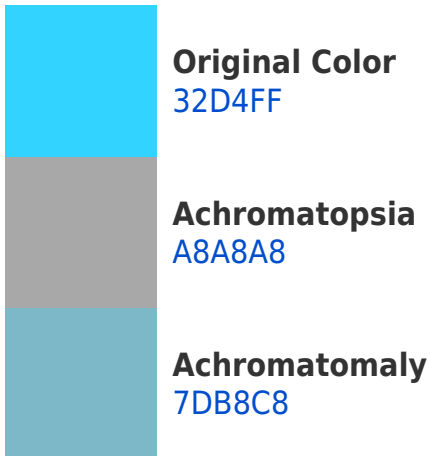


**Tritanopia**  
0FD8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32D4FF 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 #32D4FF looks like.

```
.text, #text, p{  
  color:#32D4FF  
}
```

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 #32D4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32D4FF
}
```

## Border

The CSS property to change the border of an element to Hex 32D4FF 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
#32D4FF }
```

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

```
.border{ border-color:#32D4FF }
```

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

Here you see how a box with a 4 pixel #32D4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32D4FF; -webkit-box-shadow:4px 4px  
4px 4px #32D4FF; box-shadow:4px 4px 4px  
4px #32D4FF }
```

# Background

The CSS property to change the background color of an element to Hex 32D4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32D4FF }
```

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

```
.background{ background-color:#32D4FF }
```

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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