

# Converting Colors

Hex(32FFB6)

Have a look what the booklet for  
Hex(32FFB6) contains.

<b>Hex(32FFB6)</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(32FFB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32FFB6
RGB	50, 255, 182
RGB Percent	20%, 100%, 71%
CMY	0.8039, 0.0000, 0.2863
CMYK	0.80, 0.00, 0.29, 0.00
HSL	159°, 100%, 60%
HSV	159°, 80%, 100%
XYZ	45.5189, 75.5755, 56.4444
YIQ	185.3830, -98.7470, -66.1630

# Conversions

## Conversions Part 2

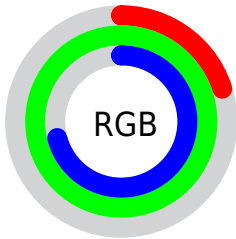
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 175, 255
Decimal	3342262
CIELab	89.66, -64.25, 21.51
CIELCh	90, 67.755, 161.488
Yxy	75.5755, 0.2564, 0.4257
Android (android.graphics.Color)	4281532342 (0xFF32FFB6)
YUV	185.3830, -1.6678, -118.7309
Hunter-Lab	86.9342, -58.6719, 22.3583

# Details

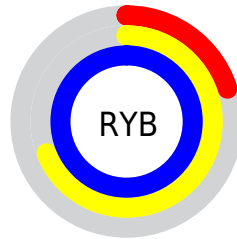
The Hex color **32FFB6** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **FF327B**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **82FFEE**, and **00C581** is the 20% darker color. If you saturate the color by 10%, you get **18FFAD**, and if you desaturate by 10%, it is **4CFFBF**.

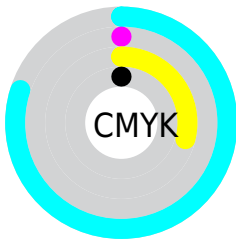
# Distribution



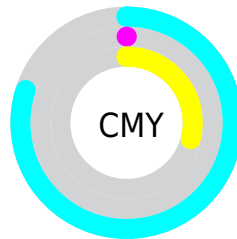
- Red (20%)
- Green (100%)
- Blue (71%)



- Red (20%)
- Yellow (69%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32FFB6 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 32FFB6 by changing the saturation by 10% instead.



 32FFB6

FFFFFF

 82FFEE

 A3FFFF

 C3FFFF

 E3FFFF

 32FFB6

 00E29B

 00C581

 00A967

 008D4F

 007238

 005821

 003F0B

 002700

 000000

 32FFB6

 32FFB6

 18FFAD

 4CFFBF

 00FFA4

 65FFC8

 7FFFD1

 98FFDA

 B2FFE3

 CBF FEC

 E5FFF6

FEFFFF

FFFFFF

# Harmonies

## Analogous

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



A8F67C



32FFB6



00FF9

# Triad

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



32FFB6



9DE0FF



FFB88F

# Complementary

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



32FFB6



FF327B

# 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.



FFA9CB



32FFB6



FFC6FF

# Square

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



32FFB6



00F3FF



FFAFFF



FFD064

# Rectangle

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



32FFB6



00FFFF



FFAFFF



FFB1A1

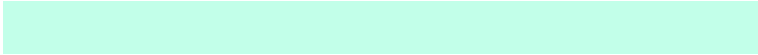


# Sweetspot

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



32FFB6



C2FFE9



7DFF32



5B8072



000000



808080



# Same Dimension

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



32FFB6



0AFFA8



32E4FF



73807B



00BF7B



004029



# Inverse Universe

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



FF327B



FF0A61



FF4D32



807377



BF0044

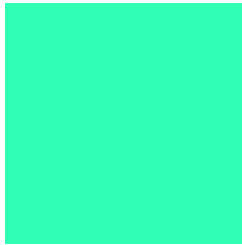


400017



# Previews

## White Background



This preview shows how the Hex color 32FFB6 looks on a white background.

## Color Contrast Check

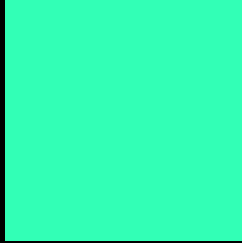
Large Text (above 18pt) WCAG AA × Fail

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 32FFB6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

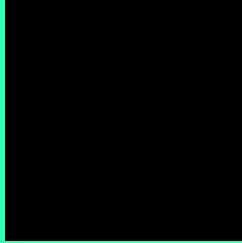
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 32FFB6 Background



This preview shows how black text looks on a background with the Hex color 32FFB6.

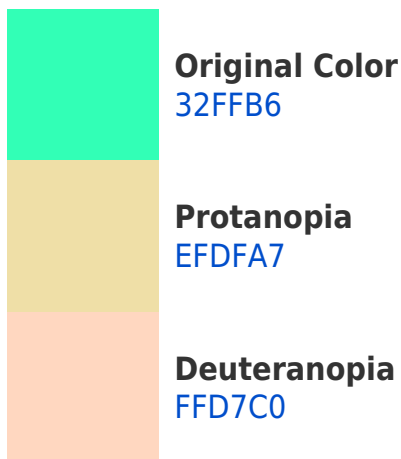


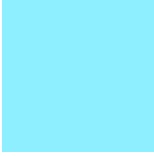
This preview shows how white text looks on a background with the Hex color 32FFB6.

# 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





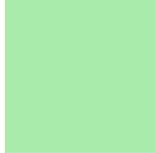
**Tritanopia**  
8DEFFF

# Trichromacy



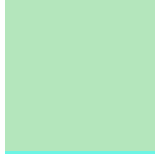
**Original Color**

32FFB6



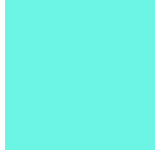
**Protanomaly**

AAEBAC



**Deuteranomaly**

B4E6BC



**Tritanomaly**

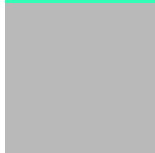
6CF5E4

# Monochromacy



**Original Color**

32FFB6



**Achromatopsia**

B9B9B9



**Achromatomaly**

88D2B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32FFB6 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 #32FFB6 looks like.

```
.text, #text, p{  
    color:#32FFB6  
}
```

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 #32FFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32FFB6
}
```

## Border

The CSS property to change the border of an element to Hex 32FFB6 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
#32FFB6 }
```

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

```
.border{ border-color:#32FFB6 }
```

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

Here you see how a box with a 4 pixel #32FFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32FFB6; -webkit-box-shadow:4px 4px  
4px 4px #32FFB6; box-shadow:4px 4px 4px  
4px #32FFB6 }
```

# Background

The CSS property to change the background color of an element to Hex 32FFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32FFB6 }
```

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

```
.background{ background-color:#32FFB6 }
```

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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