

Converting Colors

Hex(FF32C4)

Have a look what the booklet for
Hex(FF32C4) contains.

Hex(FF32C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**FF32C4**)

Conversions

Conversions Part 1

Format	Color
Hex	FF32C4
RGB	255, 50, 196
RGB Percent	100%, 20%, 77%
CMY	0.0000, 0.8039, 0.2314
CMYK	0.00, 0.80, 0.23, 0.00
HSL	317°, 100%, 60%
HSV	317°, 80%, 100%
XYZ	52.3444, 27.5267, 54.7789
YIQ	127.9390, 75.3140, 88.8660

Conversions

Conversions Part 2

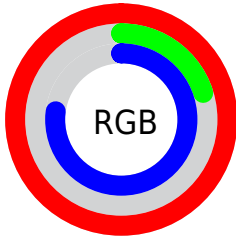
Format	Color
R_{YB}	255, 50, 196
Decimal	16724676
CIE _{Lab}	59.46, 84.59, -28.97
CIE _{LCh}	59, 89.409, 341.097
Yxy	27.5267, 0.3887, 0.2044
Android (android.graphics.Color)	4294914756 (0xFFFF32C4)
YUV	127.9390, 33.5541, 111.4325
Hunter-Lab	52.4659, 86.2712, -25.1777

Details

The Hex color **FF32C4** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **32FF6D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF78FD**, and **C1008E** is the 20% darker color. If you saturate the color by 10%, you get **FF18BD**, and if you desaturate by 10%, it is **FF4CCB**.

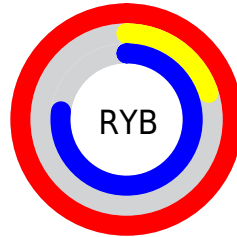
Distribution



Red (100%)

Green (20%)

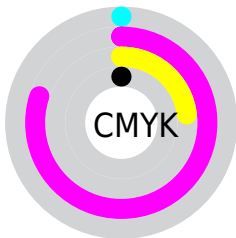
Blue (77%)



Red (100%)

Yellow (20%)

Blue (77%)

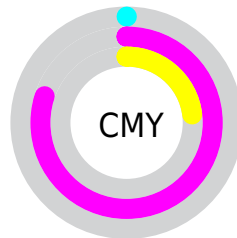


Cyan (0%)

Magenta (80%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF32C4 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 FF32C4 by changing the saturation by 10% instead.

 FF32C4

 FF32C4

FFFFFF

 E000A9

 FF78FD

 C1008E

 FF97FF

 A30074

 FFB5FF

 85005B

 FFD3FF

 680043

 FFF2FF

 4D002D

 2E0017

 000000

 FF32C4

 FF32C4

 FF18BD

 FF4CCB

 FF00B6

 FF65D3

 FF7FDA

 FF98E1

 FFB2E9

 FFCBF0

 FFE5F7

FFFEFF

FFFFFF

Harmonies

Analogous

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



B369FF



FF32C4



FF1176

Triad

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



FF32C4



939500



00AFF6

Complementary

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



FF32C4



32FF6D

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.



00B0AB



FF32C4



2DA500

Square

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



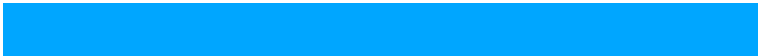
FF32C4



D57800



00AD58



00A6FF

Rectangle

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



FF32C4



FF3A43



00AD58



00B0DF

Sweetspot

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



FF32C4



FFC2ED



6C32FF



805B75



000000



808080

Same Dimension

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



FF32C4



FF0AB9



FF325E



80737C



BF0088



40002D

Inverse Universe

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



FF32C4



FF0AB9



32FFD3



80737C



BF0088



40002D

Previews

White Background



This preview shows how the Hex color FF32C4 looks on a white background.

Color Contrast Check

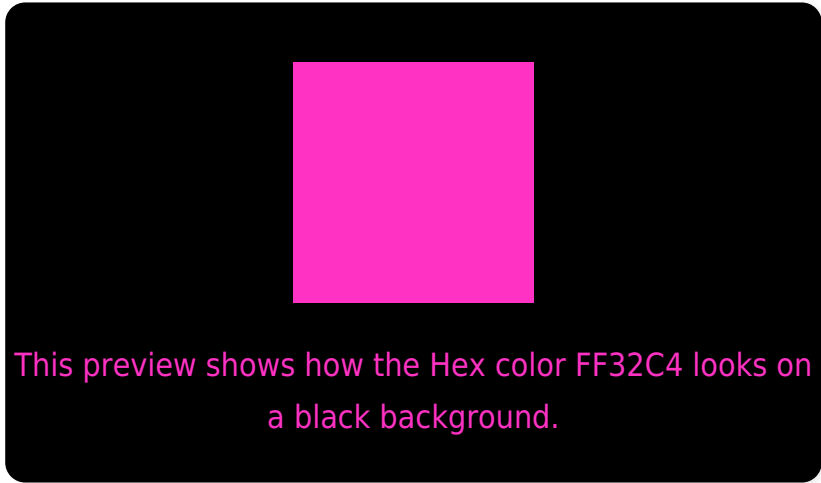
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex FF32C4 Background



This preview shows how black text looks on a background with the Hex color FF32C4.

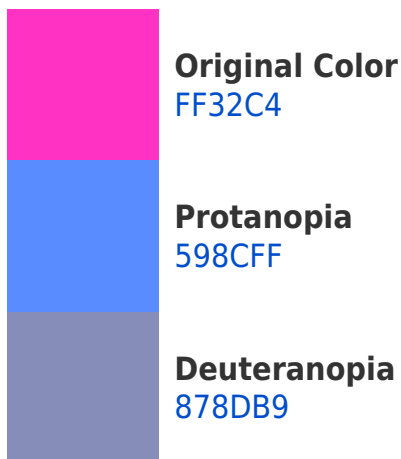


This preview shows how white text looks on a background with the Hex color FF32C4.

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
F7585D

Trichromacy



Original Color
FF32C4



Protanomaly
956BEA



Deuteranomaly
B36CBD



Tritanomaly
FA4A82

Monochromacy



Original Color
FF32C4



Achromatopsia
808080



Achromatomaly
AE6499

CSS Examples

Text

The CSS property to change the color of the text to Hex FF32C4 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 #FF32C4 looks like.

```
.text, #text, p{  
    color:#FF32C4  
}
```

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 #FF32C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF32C4
}
```

Border

The CSS property to change the border of an element to Hex FF32C4 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
#FF32C4 }
```

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

```
.border{ border-color:#FF32C4 }
```

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

Here you see how a box with a 4 pixel #FF32C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF32C4; -webkit-box-shadow:4px 4px  
4px 4px #FF32C4; box-shadow:4px 4px 4px  
4px #FF32C4 }
```

Background

The CSS property to change the background color of an element to Hex FF32C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF32C4 }
```

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

```
.background{ background-color:#FF32C4 }
```

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