

Converting Colors

Hex(FF33D4)

Have a look what the booklet for
Hex(FF33D4) contains.

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Color

Hex(FF33D4)

Conversions

Conversions Part 1

Format	Color
Hex	FF33D4
RGB	255, 51, 212
RGB Percent	100%, 20%, 83%
CMY	0.0000, 0.8000, 0.1686
CMYK	0.00, 0.80, 0.17, 0.00
HSL	313°, 100%, 60%
HSV	313°, 80%, 100%
XYZ	54.3075, 28.3811, 64.9031
YIQ	130.3500, 69.9030, 93.3190

Conversions

Conversions Part 2

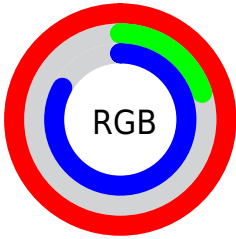
Format	Color
RYB	255, 51, 212
Decimal	16724948
CIELab	60.23, 86.32, -36.88
CIElCh	60, 93.867, 336.862
Yxy	28.3811, 0.3680, 0.1923
Android (android.graphics.Color)	4294915028 (0xFFFF33D4)
YUV	130.3500, 40.2535, 109.3180
Hunter-Lab	53.2739, 88.7337, -34.9407

Details

The Hex color **FF33D4** 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 **33FF5E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF79FF**, and **C2009D** is the 20% darker color. If you saturate the color by 10%, you get **FF19CF**, and if you desaturate by 10%, it is **FF4DD9**.

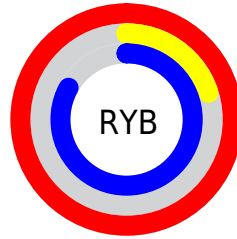
Distribution



Red (100%)

Green (20%)

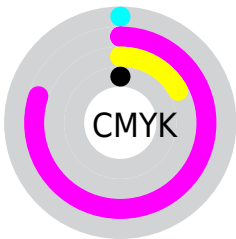
Blue (83%)



Red (100%)

Yellow (20%)

Blue (83%)

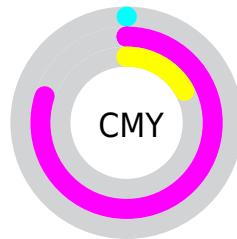


Cyan (0%)

Magenta (80%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF33D4 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 FF33D4 by changing the saturation by 10% instead.

 FF33D4

 FF33D4

FFFFFF

 E000B8

 FF79FF

 C2009D

 FF98FF

 A40082

 FFB6FF

 860069

 FFD5FF

 690050

 FFF4FF

 4D0039

 2F0022

 000007

 000000

 FF33D4

 FF33D4

 FF19CF

 FF4DD9

 FF00C9

 FF66DF

 FF80E4

 FF99EA

 FFB3EF

 FFCCF4

 FFE6FA

FFFFFF

Harmonies

Analogous

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



A470FF



FF33D4



FF0082

Triad

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



FF33D4



9F9400



00B3F4

Complementary

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



FF33D4



33FF5E

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.



00B3A3



FF33D4



3FA700

Square

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



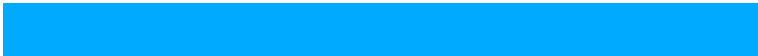
FF33D4



E27400



00B04B



00ABFF

Rectangle

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



FF33D4



FF274D



00B04B



00B4DA

Sweetspot

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



FF33D4



FFC2F2



5C33FF



805B78



000000



808080

Same Dimension

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



FF33D4



FF0ACB



FF3370



80737D



BF0097



400032

Inverse Universe

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



FF33D4



FF0ACB



33FFC2



80737D



BF0097



400032

Previews

White Background



This preview shows how the Hex color FF33D4 looks on a white background.

Color Contrast Check

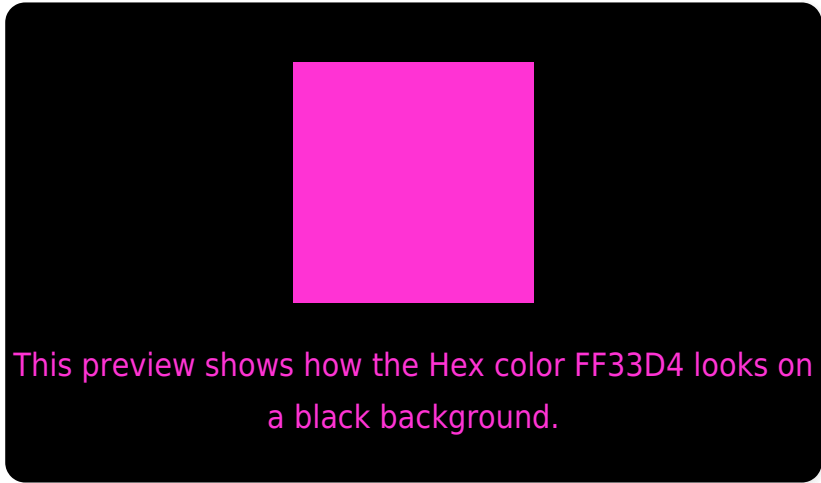
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF33D4 Background



This preview shows how black text looks on a background with the Hex color FF33D4.

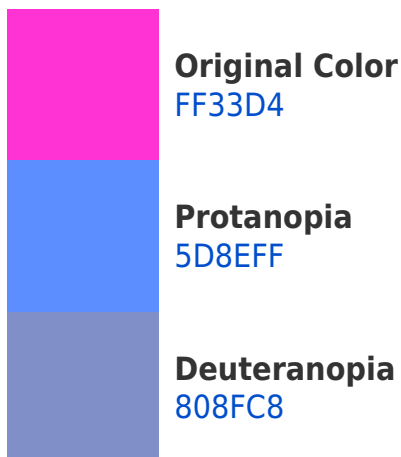


This preview shows how white text looks on a background with the Hex color FF33D4.

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
F55E63

Trichromacy



Original Color
FF33D4



Protanomaly
986DEF



Deuteranomaly
AE6ECC



Tritanomaly
F94E8C

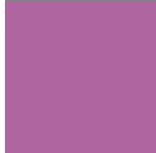
Monochromacy



Original Color
FF33D4



Achromatopsia
828282



Achromatomaly
AF65A0

CSS Examples

Text

The CSS property to change the color of the text to Hex FF33D4 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 #FF33D4 looks like.

```
.text, #text, p{  
    color:#FF33D4  
}
```

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 #FF33D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF33D4
}
```

Border

The CSS property to change the border of an element to Hex FF33D4 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
#FF33D4 }
```

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

```
.border{ border-color:#FF33D4 }
```

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

Here you see how a box with a 4 pixel #FF33D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF33D4; -webkit-box-shadow:4px 4px  
4px 4px #FF33D4; box-shadow:4px 4px 4px  
4px #FF33D4 }
```

Background

The CSS property to change the background color of an element to Hex FF33D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF33D4 }
```

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

```
.background{ background-color:#FF33D4 }
```

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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