

Converting Colors

Hex(FF33C7)

Have a look what the booklet for
Hex(FF33C7) contains.

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Color

Hex(F33C7)

Conversions

Conversions Part 1

Format	Color
Hex	FF33C7
RGB	255, 51, 199
RGB Percent	100%, 20%, 78%
CMY	0.0000, 0.8000, 0.2196
CMYK	0.00, 0.80, 0.22, 0.00
HSL	316°, 100%, 60%
HSV	316°, 80%, 100%
XYZ	52.7326, 27.7512, 56.6100
YIQ	128.8680, 74.0760, 89.2760

Conversions

Conversions Part 2

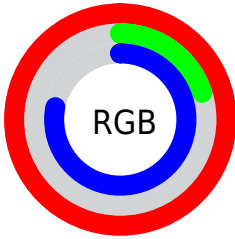
Format	Color
RYB	255, 51, 199
Decimal	16724935
CIELab	59.66, 84.72, -30.37
CIElCh	60, 89.994, 340.280
Yxy	27.7512, 0.3846, 0.2024
Android (android.graphics.Color)	4294915015 (0xFFFF33C7)
YUV	128.8680, 34.5751, 110.6178
Hunter-Lab	52.6794, 86.4915, -26.8383

Details

The Hex color **FF33C7** 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 **33FF6B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF78FF**, and **C20091** is the 20% darker color. If you saturate the color by 10%, you get **FF19C0**, and if you desaturate by 10%, it is **FF4DCE**.

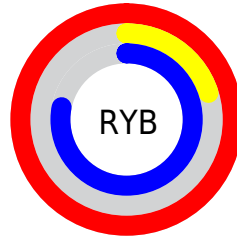
Distribution



Red (100%)

Green (20%)

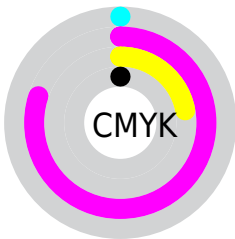
Blue (78%)



Red (100%)

Yellow (20%)

Blue (78%)

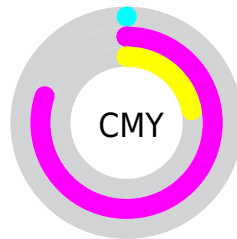


Cyan (0%)

Magenta (80%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF33C7 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 FF33C7 by changing the saturation by 10% instead.

 FF33C7

 FF33C7

FFFFFF

 E000AB

 FF78FF

 C20091

 FF97FF

 A30077

 FFB6FF

 86005E

 FFD4FF

 680046

 FFF3FF

 4D002F

 2E0019

 000000

 FF33C7

 FF33C7

 FF19C0

 FF4DCE

 FF00B9

 FF66D5

 FF80DC

 FF99E3

 FFB3EA

 FFCCF1

 FFE6F8

FFFFFF

Harmonies

Analogous

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



B06BFF



FF33C7



FF0C78

Triad

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



FF33C7



969500



00B0F5

Complementary

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



FF33C7



33FF6B

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.



00B1AA



FF33C7



32A600

Square

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



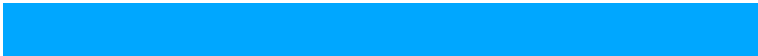
FF33C7



D87800



00AE56



00A7FF

Rectangle

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



FF33C7



FF3745



00AE56



00B1DE

Sweetspot

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



FF33C7



FFC2EE



6933FF



805B75



000000



808080

Same Dimension

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



FF33C7



FF0ABC



FF3363



80737C



BF008B



40002E

Inverse Universe

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



FF33C7



FF0ABC



33FFCF



80737C



BF008B



40002E

Previews

White Background



This preview shows how the Hex color FF33C7 looks on a white background.

Color Contrast Check

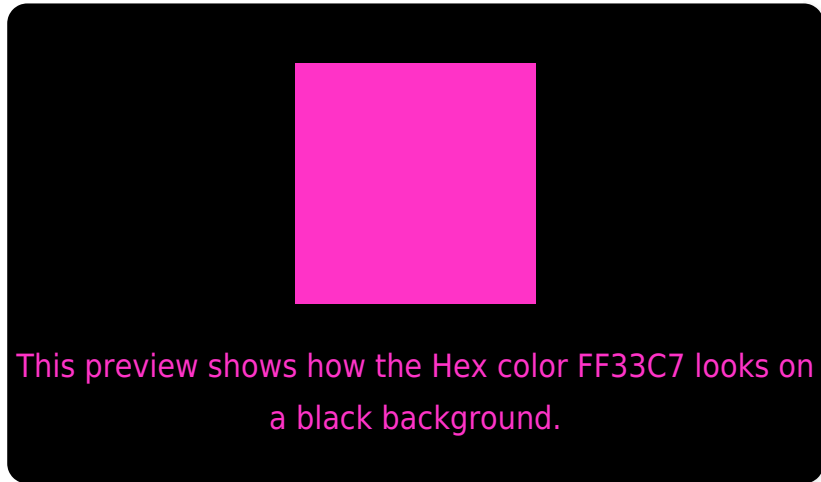
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF33C7 Background



This preview shows how black text looks on a background with the Hex color FF33C7.



This preview shows how white text looks on a background with the Hex color FF33C7.

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](#).

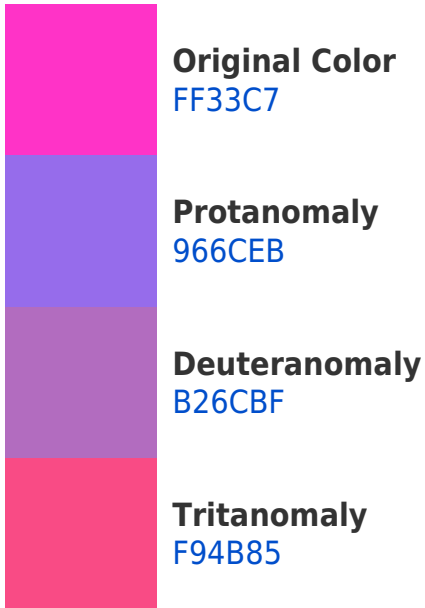
Dichromacy





Tritanopia
F6595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF33C7 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 #FF33C7 looks like.

```
.text, #text, p{  
    color:#FF33C7  
}
```

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 #FF33C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF33C7
}
```

Border

The CSS property to change the border of an element to Hex FF33C7 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
#FF33C7 }
```

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

```
.border{ border-color:#FF33C7 }
```

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

Here you see how a box with a 4 pixel #FF33C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF33C7; -webkit-box-shadow:4px 4px  
4px 4px #FF33C7; box-shadow:4px 4px 4px  
4px #FF33C7 }
```

Background

The CSS property to change the background color of an element to Hex FF33C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF33C7 }
```

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

```
.background{ background-color:#FF33C7 }
```

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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