

Converting Colors

Hex(FF33CC)

Have a look what the booklet for
Hex(FF33CC) contains.

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Color

Hex(F333CC)

Conversions

Conversions Part 1

Format	Color
Hex	FF33CC
RGB	255, 51, 204
RGB Percent	100%, 20%, 80%
CMY	0.0000, 0.8000, 0.2000
CMYK	0.00, 0.80, 0.20, 0.00
HSL	315°, 100%, 60%
HSV	315°, 80%, 100%
XYZ	53.3229, 27.9873, 59.7184
YIQ	129.4380, 72.4710, 90.8310

Conversions

Conversions Part 2

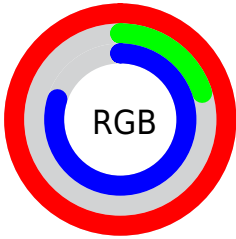
Format	Color
RYB	255, 51, 204
Decimal	16724940
CIELab	59.88, 85.32, -32.89
CIELCh	60, 91.440, 338.920
Yxy	27.9873, 0.3781, 0.1985
Android (android.graphics.Color)	4294915020 (0xFFFF33CC)
YUV	129.4380, 36.7591, 110.1179
Hunter-Lab	52.9030, 87.3365, -29.8961

Details

The Hex color **FF33CC** is a light color, and the websafe version is hex **FF33CC**, and the color name is [razzle dazzle rose](#). The color can be described as light washed magenta. A complement of this color would be **33FF66**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF79FF**, and **C20095** is the 20% darker color. If you saturate the color by 10%, you get **FF19C6**, and if you desaturate by 10%, it is **FF4DD2**.

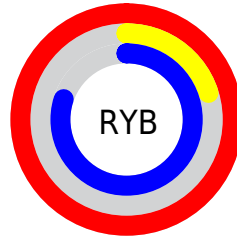
Distribution



Red (100%)

Green (20%)

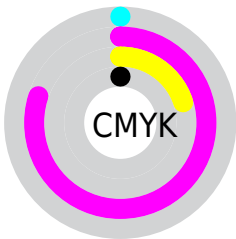
Blue (80%)



Red (100%)

Yellow (20%)

Blue (80%)

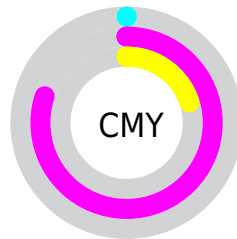


Cyan (0%)

Magenta (80%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF33CC 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 FF33CC by changing the saturation by 10% instead.

 FF33CC

 FF33CC

FFFFFF

 E000B0

 FF79FF

 C20095

 FF98FF

 A3007B

 FFB6FF

 860062

 FFD4FF

 68004A

 FFF3FF

 4D0033

 2F001D

 000000

 FF33CC

 FF33CC

 FF19C6

 FF4DD2

 FF00BF

 FF66D9

 FF80DF

 FF99E6

 FFB3EC

 FFCCF2

 FFE6F9

FFFFFF

Harmonies

Analogous

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



AC6DFF



FF33CC



FF007C

Triad

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



FF33CC



999500



00B1F5

Complementary

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



FF33CC



33FF66

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.



00B2A7



FF33CC



37A600

Square

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



FF33CC



DC7600



00AF52



00A9FF

Rectangle

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



FF33CC



FF3248



00AF52



00B2DD

Sweetspot

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



FF33CC



FFC2F0



6633FF



805B76



000000



808080

Same Dimension

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



FF33CC



FF0AC2



FF3366



80737C



BF008F



400030

Inverse Universe

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



FF33CC



FF0AC2



33FFCC



80737C



BF008F



400030

Previews

White Background



This preview shows how the Hex color FF33CC looks on a white background.

Color Contrast Check

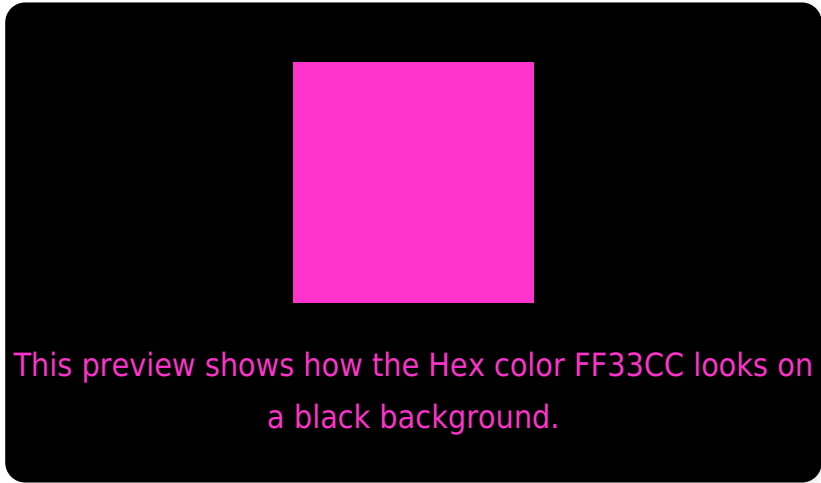
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF33CC Background



This preview shows how black text looks on a background with the Hex color FF33CC.



This preview shows how white text looks on a background with the Hex color FF33CC.

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](#).

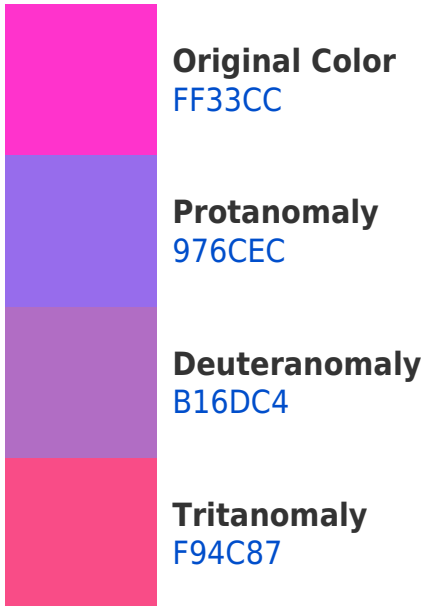
Dichromacy





Tritanopia
F65B60

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF33CC 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 #FF33CC looks like.

```
.text, #text, p{  
    color:#FF33CC  
}
```

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 #FF33CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF33CC
}
```

Border

The CSS property to change the border of an element to Hex FF33CC 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
#FF33CC }
```

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

```
.border{ border-color:#FF33CC }
```

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

Here you see how a box with a 4 pixel #FF33CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF33CC; -webkit-box-shadow:4px 4px  
4px 4px #FF33CC; box-shadow:4px 4px 4px  
4px #FF33CC }
```

Background

The CSS property to change the background color of an element to Hex FF33CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF33CC }
```

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

```
.background{ background-color:#FF33CC }
```

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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