

Converting Colors

Hex(FF337C)

Have a look what the booklet for
Hex(FF337C) contains.

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Color

Hex(**FF337C**)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF337C |
| RGB | 255, 51, 124 |
| RGB Percent | 100%, 20%, 49% |
| CMY | 0.0000, 0.8000, 0.5137 |
| CMYK | 0.00, 0.80, 0.51, 0.00 |
| HSL | 339°, 100%, 60% |
| HSV | 339°, 80%, 100% |
| XYZ | 46.0619, 25.0829, 21.4825 |
| YIQ | 120.3180, 98.1510, 65.9510 |

Conversions

Conversions Part 2

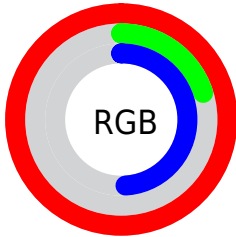
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 51, 124 |
| Decimal | 16724860 |
| CIE Lab | 57.16, 77.41, 9.70 |
| CIE LCh | 57, 78.017, 7.142 |
| Yxy | 25.0829, 0.4973, 0.2708 |
| Android (android.graphics.Color) | 4294914940 (0xFFFF337C) |
| YUV | 120.3180, 1.8152, 118.1161 |
| Hunter-Lab | 50.0828, 76.5242, 9.6261 |

Details

The Hex color **FF337C** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **33FFB6**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF76B0**, and **C0004C** is the 20% darker color. If you saturate the color by 10%, you get **FF196C**, and if you desaturate by 10%, it is **FF4D8C**.

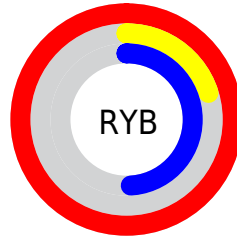
Distribution



Red (100%)

Green (20%)

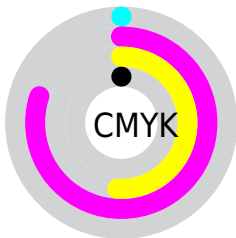
Blue (49%)



Red (100%)

Yellow (20%)

Blue (49%)

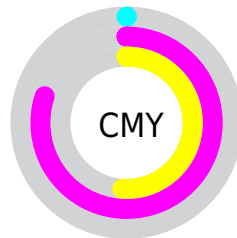


Cyan (0%)

Magenta (80%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF337C 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 FF337C by changing the saturation by 10% instead.

 FF337C

 FF337C

FFFFFF

 DF0063

 FF76B0

 C0004C

 FF94CC

 A00035

 FFB2E8

 810021

 FFD0FF

 630009

 FFEFFF

 450003

 240001

 000000

 FF337C

 FF337C

 FF196C

 FF4D8C

 FF005B

 FF669D

 FF80AD

 FF99BE

 FFB3CE

 FFCCDE

 FFE6EF

FFFFFF

Harmonies

Analogous

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



E548C0



FF337C



F44E3A

Triad

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



FF337C



4C9B00



009EFF

Complementary

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



FF337C



33FFB6

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.



00A6DA



FF337C



00A451

Square

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



FF337C



978C00



00A798



008DFF

Rectangle

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



FF337C



DD6701



00A798



00A2FC

Sweetspot

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



FF337C



FFC2D8



B433FF



805B68



000000



808080

Same Dimension

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



FF337C



FF0A62



FF4E33



807377



BF0044



400017

Inverse Universe

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



FF337C



FF0A62



33E4FF



807377



BF0044



400017

Previews

White Background



This preview shows how the Hex color FF337C looks on a white background.

Color Contrast Check

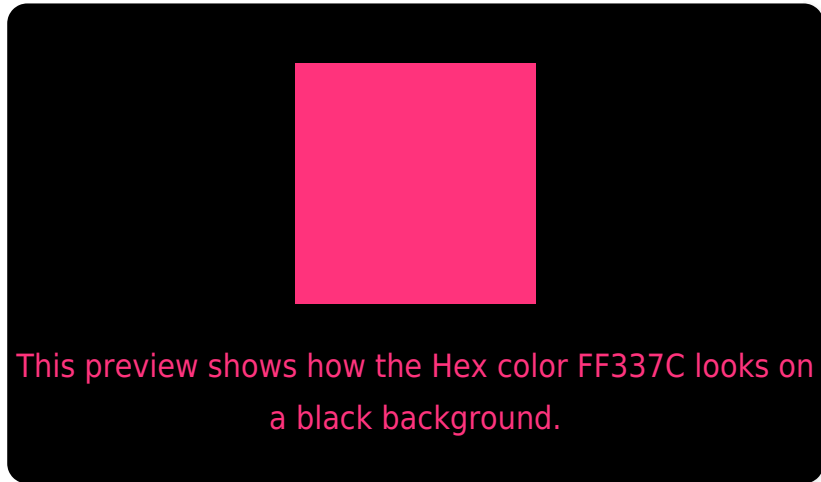
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF337C Background



This preview shows how black text looks on a background with the Hex color FF337C.



This preview shows how white text looks on a background with the Hex color FF337C.

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



Trichromacy



Original Color
FF337C



Protanomaly
AF6999



Deuteranomaly
C26776

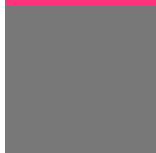


Tritanomaly
FD3D59

Monochromacy



Original Color
FF337C



Achromatopsia
787878



Achromatomaly
A95F79

CSS Examples

Text

The CSS property to change the color of the text to Hex FF337C 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 #FF337C looks like.

```
.text, #text, p{  
    color:#FF337C  
}
```

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 #FF337C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF337C
}
```

Border

The CSS property to change the border of an element to Hex FF337C 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
#FF337C }
```

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

```
.border{ border-color:#FF337C }
```

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

Here you see how a box with a 4 pixel #FF337C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF337C; -webkit-box-shadow:4px 4px  
4px 4px #FF337C; box-shadow:4px 4px 4px  
4px #FF337C }
```

Background

The CSS property to change the background color of an element to Hex FF337C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF337C }
```

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

```
.background{ background-color:#FF337C }
```

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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