

Converting Colors

Hex(FF337D)

Have a look what the booklet for
Hex(FF337D) contains.

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Color

Hex(FF337D)

Conversions

Conversions Part 1

Format	Color
Hex	FF337D
RGB	255, 51, 125
RGB Percent	100%, 20%, 49%
CMY	0.0000, 0.8000, 0.5098
CMYK	0.00, 0.80, 0.51, 0.00
HSL	338°, 100%, 60%
HSV	338°, 80%, 100%
XYZ	46.1255, 25.1083, 21.8173
YIQ	120.4320, 97.8300, 66.2620

Conversions

Conversions Part 2

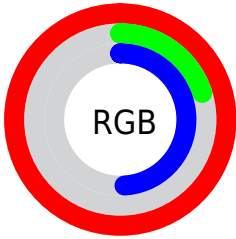
Format	Color
R_{YB}	255, 51, 125
Decimal	16724861
CIE _{Lab}	57.18, 77.49, 9.14
CIE _{LCh}	57, 78.023, 6.728
Yxy	25.1083, 0.4957, 0.2698
Android (android.graphics.Color)	4294914941 (0xFFFF337D)
YUV	120.4320, 2.2520, 118.0161
Hunter-Lab	50.1082, 76.6231, 9.2606

Details

The Hex color **FF337D** 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 **33FFB5**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF76B1**, and **C0004D** is the 20% darker color. If you saturate the color by 10%, you get **FF196D**, and if you desaturate by 10%, it is **FF4D8D**.

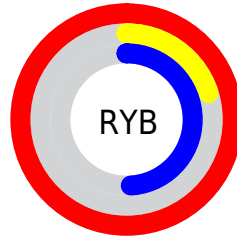
Distribution



Red (100%)

Green (20%)

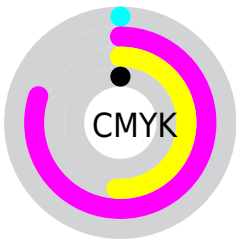
Blue (49%)



Red (100%)

Yellow (20%)

Blue (49%)

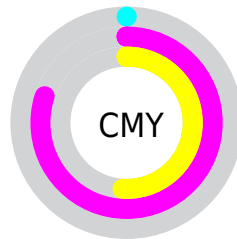


Cyan (0%)

Magenta (80%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF337D 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 FF337D by changing the saturation by 10% instead.

 FF337D

 FF337D

FFFFFF

 DF0064

 FF76B1

 C0004D

 FF94CD

 A00036

 FFB2E9

 810022

 FFD0FF

 63000A

 FFEFFF

 450003

 240001

 000000

 FF337D

 FF337D

 FF196D

 FF4D8D

 FF005D

 FF669E

 FF80AE

 FF99BE

 FFB3CE

 FFCCDF

 FFE6EF

FFFFFF

Harmonies

Analogous

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



E548C0



FF337D



F54E3B

Triad

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



FF337D



4D9B00



009FFF

Complementary

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



FF337D



33FFB5

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



FF337D



00A450

Square

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



FF337D



988B00



00A797



008DFF

Rectangle

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



FF337D



DE6603



00A797



00A2FB

Sweetspot

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



FF337D



FFC2D8



B433FF



805B68



000000



808080

Same Dimension

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



FF337D



FF0A63



FF4E33



807377



BF0045



400017

Inverse Universe

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



FF337D



FF0A63



33E4FF



807377



BF0045



400017

Previews

White Background



This preview shows how the Hex color FF337D looks on a white background.

Color Contrast Check

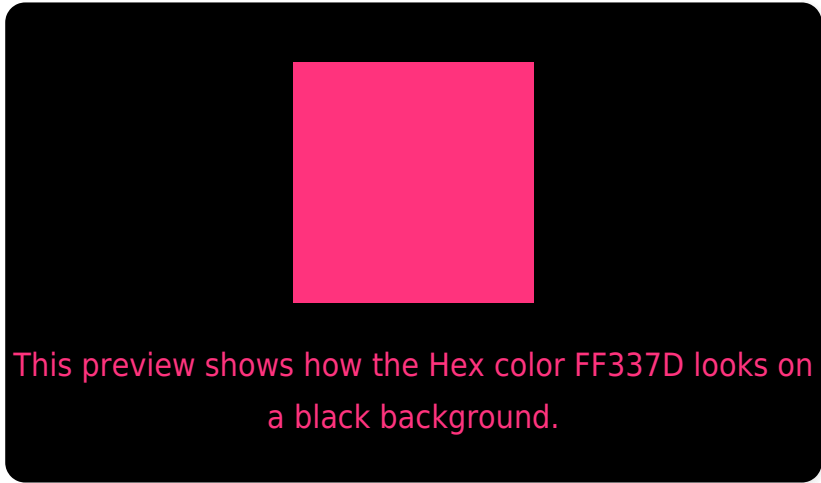
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF337D Background



This preview shows how black text looks on a background with the Hex color FF337D.



This preview shows how white text looks on a background with the Hex color FF337D.

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
FF337D



Protanomaly
AF699A



Deuteranomaly
C26777



Tritanomaly
FD3D59

Monochromacy



Original Color
FF337D



Achromatopsia
787878



Achromatomaly
A95F7A

CSS Examples

Text

The CSS property to change the color of the text to Hex FF337D 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 #FF337D looks like.

```
.text, #text, p{  
    color:#FF337D  
}
```

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 #FF337D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF337D
}
```

Border

The CSS property to change the border of an element to Hex FF337D 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
#FF337D }
```

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

```
.border{ border-color:#FF337D }
```

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

Here you see how a box with a 4 pixel #FF337D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF337D; -webkit-box-shadow:4px 4px  
4px 4px #FF337D; box-shadow:4px 4px 4px  
4px #FF337D }
```

Background

The CSS property to change the background color of an element to Hex FF337D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF337D }
```

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

```
.background{ background-color:#FF337D }
```

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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