

Converting Colors

Hex(FF37B2)

Have a look what the booklet for
Hex(FF37B2) contains.

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Color

Hex(**FF37B2**)

Conversions

Conversions Part 1

Format	Color
Hex	FF37B2
RGB	255, 55, 178
RGB Percent	100%, 22%, 70%
CMY	0.0000, 0.7843, 0.3020
CMYK	0.00, 0.78, 0.30, 0.00
HSL	323°, 100%, 61%
HSV	323°, 78%, 100%
XYZ	50.6421, 27.2067, 44.7018
YIQ	128.8220, 79.7170, 80.6530

Conversions

Conversions Part 2

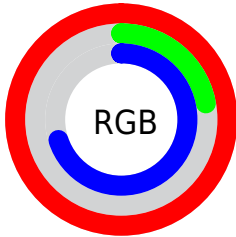
Format	Color
R_{YB}	255, 55, 178
Decimal	16725938
CIE _{Lab}	59.17, 81.36, -19.05
CIE _{LCh}	59, 83.560, 346.822
Yxy	27.2067, 0.4132, 0.2220
Android (android.graphics.Color)	4294916018 (0xFFFF37B2)
YUV	128.8220, 24.2448, 110.6581
Hunter-Lab	52.1601, 82.0250, -14.3002

Details

The Hex color **FF37B2** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **37FF84**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF7AEA**, and **C1007D** is the 20% darker color. If you saturate the color by 10%, you get **FF1DA8**, and if you desaturate by 10%, it is **FF51BC**.

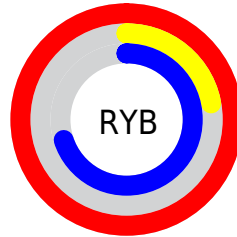
Distribution



Red (100%)

Green (22%)

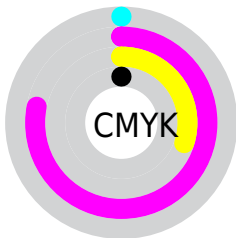
Blue (70%)



Red (100%)

Yellow (22%)

Blue (70%)

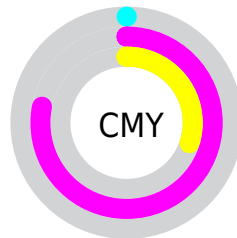


Cyan (0%)

Magenta (78%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (78%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF37B2 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 FF37B2 by changing the saturation by 10% instead.

 FF37B2

 FF37B2

FFFFFF

 E00097

 FF7AEA

 C1007D

 FF99FF

 A30064

 FFB7FF

 85004C

 FFD5FF

 670035

 FFF4FF

 4C0020

 2E0002

 000000

 FF37B2

 FF37B2

■ FF1DA8

■ FF51BC

■ FF049E

■ FF6AC6

■ FF009D

■ FF84CF

■ FF9DD9

■ FFB6E3

■ FFD0ED

■ FFEAF7

FFFFFF

Harmonies

Analogous

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



C364F4



FF37B2



FF3169

Triad

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



FF37B2



869800



00ABF9

Complementary

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



FF37B2



37FF84

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.



00AEB7



FF37B2



0EA514

Square

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



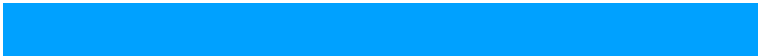
FF37B2



C77F00



00AC6A



00A1FF

Rectangle

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



FF37B2



FF4C3A



00AC6A



00ADE5

Sweetspot

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



FF37B2



FFC2E7



8437FF



805B71



000000



808080

Same Dimension

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



FF37B2



FF0FA3



FF374E



80737B



BF0076



400027

Inverse Universe

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



FF37B2



FF0FA3



37FFE8



80737B



BF0076



400027

Previews

White Background



This preview shows how the Hex color FF37B2 looks on a white background.

Color Contrast Check

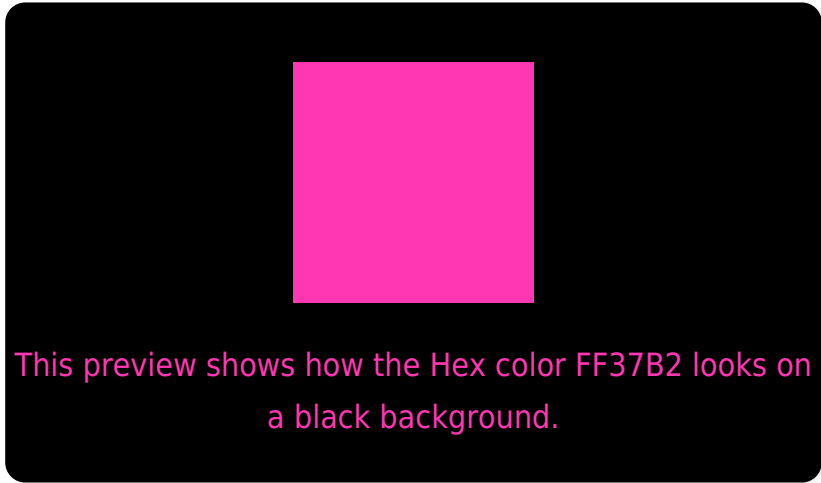
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF37B2 Background



This preview shows how black text looks on a background with the Hex color FF37B2.



This preview shows how white text looks on a background with the Hex color FF37B2.

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
FF37B2



Protanomaly
9D6DD9



Deuteranomaly
B96CAB



Tritanomaly
FB4979

Monochromacy



Original Color
FF37B2



Achromatopsia
818181



Achromatomaly
AF6693

CSS Examples

Text

The CSS property to change the color of the text to Hex FF37B2 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 #FF37B2 looks like.

```
.text, #text, p{  
    color:#FF37B2  
}
```

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 #FF37B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF37B2
}
```

Border

The CSS property to change the border of an element to Hex FF37B2 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
#FF37B2 }
```

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

```
.border{ border-color:#FF37B2 }
```

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

Here you see how a box with a 4 pixel #FF37B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF37B2; -webkit-box-shadow:4px 4px  
4px 4px #FF37B2; box-shadow:4px 4px 4px  
4px #FF37B2 }
```

Background

The CSS property to change the background color of an element to Hex FF37B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF37B2 }
```

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

```
.background{ background-color:#FF37B2 }
```

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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