

Converting Colors

Hex(FF2A89)

Have a look what the booklet for
Hex(FF2A89) contains.

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Color

Hex(F F 2 A 8 9)

Conversions

Conversions Part 1

Format	Color
Hex	FF2A89
RGB	255, 42, 137
RGB Percent	100%, 16%, 54%
CMY	0.0000, 0.8353, 0.4627
CMYK	0.00, 0.84, 0.46, 0.00
HSL	333°, 100%, 58%
HSV	333°, 84%, 100%
XYZ	46.5833, 24.7221, 25.9835
YIQ	116.5170, 96.4530, 74.7010

Conversions

Conversions Part 2

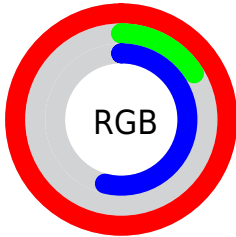
Format	Color
RYB	255, 42, 137
Decimal	16722569
CIELab	56.80, 80.41, 1.47
CIElCh	57, 80.421, 1.047
Yxy	24.7221, 0.4788, 0.2541
Android (android.graphics.Color)	4294912649 (0xFFFF2A89)
YUV	116.5170, 10.0981, 121.4496
Hunter-Lab	49.7213, 80.2224, 3.8209

Details

The Hex color **FF2A89** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **2AFFA0**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF71BE**, and **C00058** is the 20% darker color. If you saturate the color by 10%, you get **FF107B**, and if you desaturate by 10%, it is **FF4397**.

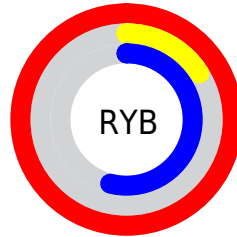
Distribution



Red (100%)

Green (16%)

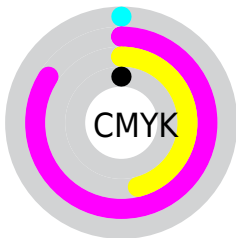
Blue (54%)



Red (100%)

Yellow (16%)

Blue (54%)

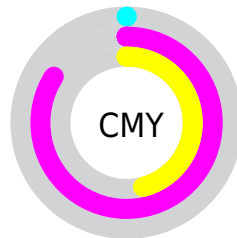


Cyan (0%)

Magenta (84%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2A89 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 FF2A89 by changing the saturation by 10% instead.

 FF2A89

 FF2A89

FFFFFF

 DF0070

 FF71BE

 C00058

 FF90DA

 A10040

 FFAEF6

 82002B

 FFCDDF

 630017

 FFE6FF

 460003

 250001

 000000

 FF2A89

 FF2A89

 FF107B

 FF4397

 FF0072

 FF5DA5

 FF77B3

 FF90C2

 FFAAD0

 FFC3DE

 FFDDEC

 FFF6FA

FFFFFF

Harmonies

Analogous

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



DC4BCD



FF2A89



FB4245

Triad

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



FF2A89



5B9800



00A0FF

Complementary

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



FF2A89



2AFFA0

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.



00A6CF



FF2A89



00A23F

Square

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



FF2A89



A38600



00A689



0091FF

Rectangle

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



FF2A89



E65D12



00A689



00A3F5

Sweetspot

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



FF2A89



FFBFDC



9F2AFF



80596A



000000



808080

Same Dimension

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



FF2A89



FF0072



FF352A



807378



BF0055



40001C

Inverse Universe

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



FF2A89



FF0072



2AF4FF



807378



BF0055



40001C

Previews

White Background



This preview shows how the Hex color FF2A89 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 FF2A89 Background



This preview shows how black text looks on a background with the Hex color FF2A89.



This preview shows how white text looks on a background with the Hex color FF2A89.

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



Original Color
FF2A89

Protanopia
7887BE

Deuteranopia
99847F

Trichromacy



Original Color
FF2A89



Protanomaly
A965AB



Deuteranomaly
BE6383

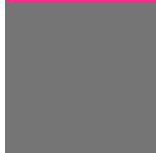


Tritanomaly
FC395C

Monochromacy



Original Color
FF2A89



Achromatopsia
757575



Achromatomaly
A75A7C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF2A89 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 #FF2A89 looks like.

```
.text, #text, p{  
    color:#FF2A89  
}
```

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 #FF2A89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2A89
}
```

Border

The CSS property to change the border of an element to Hex FF2A89 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
#FF2A89 }
```

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

```
.border{ border-color:#FF2A89 }
```

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

Here you see how a box with a 4 pixel #FF2A89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2A89; -webkit-box-shadow:4px 4px  
4px 4px #FF2A89; box-shadow:4px 4px 4px  
4px #FF2A89 }
```

Background

The CSS property to change the background color of an element to Hex FF2A89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2A89 }
```

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

```
.background{ background-color:#FF2A89 }
```

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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