

Converting Colors

Hex(FF2A7A)

Have a look what the booklet for
Hex(FF2A7A) contains.

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Color

Hex(F F 2 A 7 A)

Conversions

Conversions Part 1

Format	Color
Hex	FF2A7A
RGB	255, 42, 122
RGB Percent	100%, 16%, 48%
CMY	0.0000, 0.8353, 0.5216
CMYK	0.00, 0.84, 0.52, 0.00
HSL	337°, 100%, 58%
HSV	337°, 84%, 100%
XYZ	45.5808, 24.3211, 20.7044
YIQ	114.8070, 101.2680, 70.0360

Conversions

Conversions Part 2

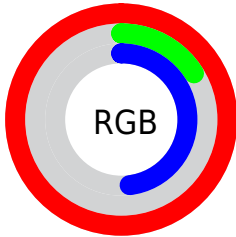
Format	Color
RYB	255, 42, 122
Decimal	16722554
CIELab	56.41, 79.26, 9.83
CIELCh	56, 79.872, 7.071
Yxy	24.3211, 0.5031, 0.2684
Android (android.graphics.Color)	4294912634 (0xFFFF2A7A)
YUV	114.8070, 3.5461, 122.9493
Hunter-Lab	49.3164, 78.6754, 9.6299

Details

The Hex color **FF2A7A** 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 **2AFFAF**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF71AE**, and **BF004A** is the 20% darker color. If you saturate the color by 10%, you get **FF106A**, and if you desaturate by 10%, it is **FF438A**.

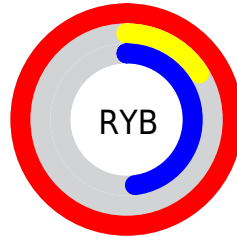
Distribution



Red (100%)

Green (16%)

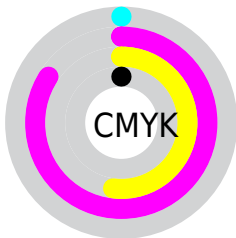
Blue (48%)



Red (100%)

Yellow (16%)

Blue (48%)

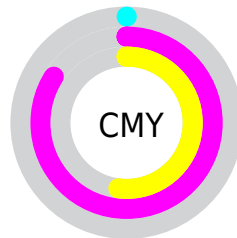


Cyan (0%)

Magenta (84%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2A7A 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 FF2A7A by changing the saturation by 10% instead.

 FF2A7A

 FF2A7A

FFFFFF

 DF0061

 FF71AE

 BF004A

 FF90C9

 A00034

 FFAEE5

 81001F

 FFCCFF

 620006

 FFEAFF

 440003

 220001

 000000

 FF2A7A

 FF2A7A

 FF106A

 FF438A

 FF0060

 FF5D9A

 FF77AA

 FF90BA

 FFAACA

 FFC3DA

 FFDDE9

 FFF6F9

FFFFFF

Harmonies

Analogous

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



E542BF



FF2A7A



F44A37

Triad

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



FF2A7A



479A00



009DFF

Complementary

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



FF2A7A



2AFFAF

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.



00A4DA



FF2A7A



00A24D

Square

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



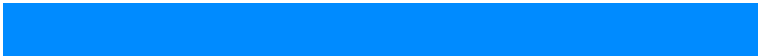
FF2A7A



958A00



00A596



008BFF

Rectangle

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



FF2A7A



DD6400



00A596



00A0FC

Sweetspot

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



FF2A7A



FFBFD7



AD2AFF



805968



000000



808080

Same Dimension

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



FF2A7A



FF0060



FF432A



807378



BF0048



400018

Inverse Universe

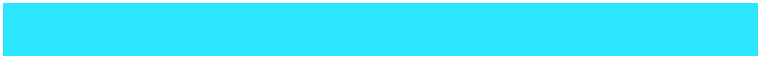
The Inverse Universe completely reimagines the original color for something new.



FF2A7A



FF0060



2AE6FF



807378



BF0048



400018

Previews

White Background



This preview shows how the Hex color FF2A7A looks on a white background.

Color Contrast Check

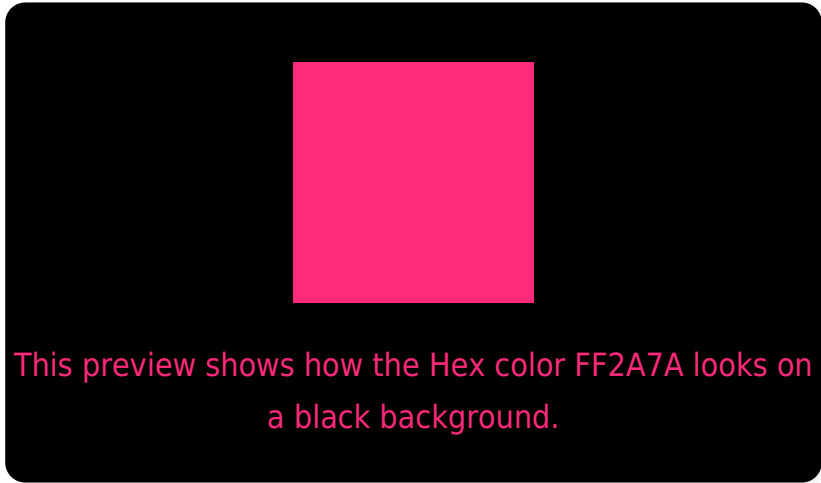
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2A7A Background



This preview shows how black text looks on a background with the Hex color FF2A7A.



This preview shows how white text looks on a background with the Hex color FF2A7A.

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
FF2A7A



Protanomaly
AE6599



Deuteranomaly
C16274

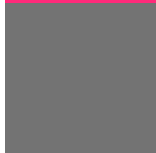


Tritanomaly
FD3554

Monochromacy



Original Color
FF2A7A



Achromatopsia
737373



Achromatomaly
A65876

CSS Examples

Text

The CSS property to change the color of the text to Hex FF2A7A 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 #FF2A7A looks like.

```
.text, #text, p{  
    color:#FF2A7A  
}
```

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 #FF2A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2A7A
}
```

Border

The CSS property to change the border of an element to Hex FF2A7A 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
#FF2A7A }
```

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

```
.border{ border-color:#FF2A7A }
```

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

Here you see how a box with a 4 pixel #FF2A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2A7A; -webkit-box-shadow:4px 4px  
4px 4px #FF2A7A; box-shadow:4px 4px 4px  
4px #FF2A7A }
```

Background

The CSS property to change the background color of an element to Hex FF2A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2A7A }
```

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

```
.background{ background-color:#FF2A7A }
```

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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