

# Converting Colors

Hex(FF2EAE)

Have a look what the booklet for  
Hex(FF2EAE) contains.

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# Color

Hex(**FF2EAE**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2EAE
RGB	255, 46, 174
RGB Percent	100%, 18%, 68%
CMY	0.0000, 0.8196, 0.3176
CMYK	0.00, 0.82, 0.32, 0.00
HSL	323°, 100%, 59%
HSV	323°, 82%, 100%
XYZ	49.8570, 26.2700, 42.4873
YIQ	123.0830, 83.4760, 84.1160

# Conversions

## Conversions Part 2

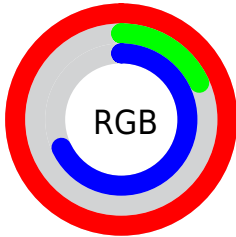
Format	Color
R <sub>Y</sub> B	255, 46, 174
Decimal	16723630
CIE Lab	58.29, 83.02, -18.06
CIE LCh	58, 84.958, 347.727
Yxy	26.2700, 0.4203, 0.2215
Android (android.graphics.Color)	4294913710 (0xFFFF2EAE)
YUV	123.0830, 25.1021, 115.6912
Hunter-Lab	51.2543, 83.9389, -13.2705

# Details

The Hex color **FF2EAE** 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 **2EFF7F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF75E6**, and **C10079** is the 20% darker color. If you saturate the color by 10%, you get **FF15A4**, and if you desaturate by 10%, it is **FF48B8**.

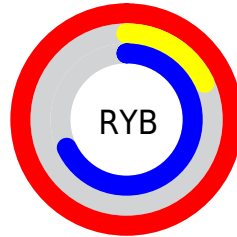
# Distribution



Red (100%)

Green (18%)

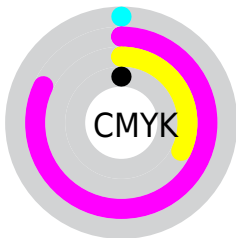
Blue (68%)



Red (100%)

Yellow (18%)

Blue (68%)

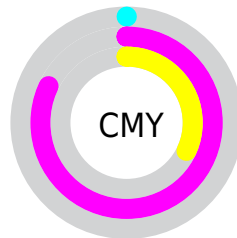


Cyan (0%)

Magenta (82%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2EAE 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 FF2EAE by changing the saturation by 10% instead.



 FF2EAE

 FF2EAE

FFFFFF

 E00093

 FF75E6

 C10079

 FF94FF

 A30061

 FFB2FF

 840049

 FFD0FF

 670032

 FFEFFF

 4A001D

 2D0001

 000000

 FF2EAE

 FF2EAE

 FF15A4

 FF48B8

 FF009C

 FF61C2

 FF7BCC

 FF94D6

 FFAEDF

 FFC7E9

 FFE1F3

 FFFAFD

FFFFFF

# Harmonies

## Analogous

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



C45FF2



FF2EAE



FF2A64

# Triad

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



FF2EAE



809600



00A9FA

# Complementary

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



FF2EAE



2EFF7F

# 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.



00ACB8



FF2EAE



00A410

# Square

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



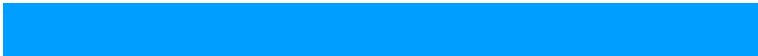
FF2EAE



C37E00



00AA6A



009EFF

# Rectangle

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



FF2EAE



FF4934



00AA6A



00ABE6



# Sweetspot

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



FF2EAE



FFBFE6



7E2EFF



805971



000000



808080



# Same Dimension

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



FF2EAE



FF059E



FF2E46



80737B



BF0075



400027



# Inverse Universe

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



FF2EAE



FF059E



2EFFE7



80737B



BF0075



400027



# Previews

## White Background



This preview shows how the Hex color FF2EAE 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 FF2EAE Background



This preview shows how black text looks on a background with the Hex color FF2EAE.



This preview shows how white text looks on a background with the Hex color FF2EAE.

# 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



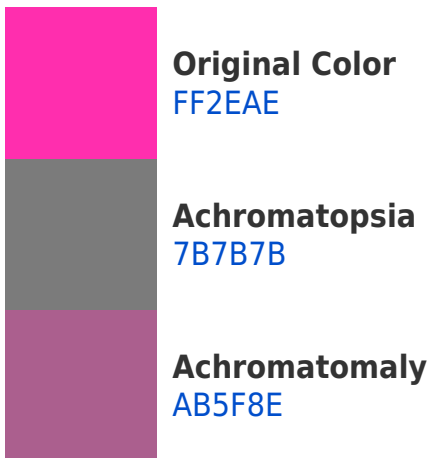


**Tritanopia**  
F94F53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2EAE 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 #FF2EAE looks like.

```
.text, #text, p{  
    color:#FF2EAE  
}
```

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 #FF2EAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2EAE
}
```

## Border

The CSS property to change the border of an element to Hex FF2EAE 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
#FF2EAE }
```

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

```
.border{ border-color:#FF2EAE }
```

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

Here you see how a box with a 4 pixel #FF2EAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2EAE; -webkit-box-shadow:4px 4px  
4px 4px #FF2EAE; box-shadow:4px 4px 4px  
4px #FF2EAE }
```

# Background

The CSS property to change the background color of an element to Hex FF2EAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2EAE }
```

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

```
.background{ background-color:#FF2EAE }
```

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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