

# Converting Colors

Hex(FF2ECE)

Have a look what the booklet for  
Hex(FF2ECE) contains.

<b>Hex(FF2ECE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(**FF2ECE**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2ECE
RGB	255, 46, 206
RGB Percent	100%, 18%, 81%
CMY	0.0000, 0.8196, 0.1922
CMYK	0.00, 0.82, 0.19, 0.00
HSL	314°, 100%, 59%
HSV	314°, 82%, 100%
XYZ	53.3576, 27.6702, 60.9211
YIQ	126.7310, 73.2040, 94.0680

# Conversions

## Conversions Part 2

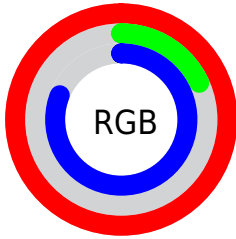
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	255, 46, 206
Decimal	16723662
CIELab	59.59, 86.65, -34.48
CIElCh	60, 93.257, 338.303
Yxy	27.6702, 0.3759, 0.1949
Android (android.graphics.Color)	4294913742 (0xFFFF2ECE)
YUV	126.7310, 39.0796, 112.4919
Hunter-Lab	52.6025, 89.0079, -31.8445

# Details

The Hex color **FF2ECE** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **2EFF5F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF76FF**, and **C20097** is the 20% darker color. If you saturate the color by 10%, you get **FF15C8**, and if you desaturate by 10%, it is **FF48D4**.

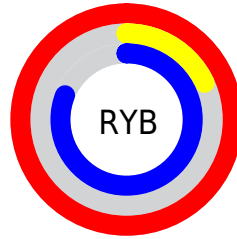
# Distribution



Red (100%)

Green (18%)

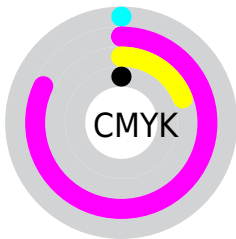
Blue (81%)



Red (100%)

Yellow (18%)

Blue (81%)

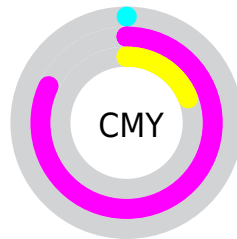


Cyan (0%)

Magenta (82%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2ECE 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 FF2ECE by changing the saturation by 10% instead.



 FF2ECE

 FF2ECE

FFFFFF

 E000B2

 FF76FF

 C20097

 FF95FF

 A3007D

 FFB4FF

 860064

 FFD2FF

 68004B

 FFF1FF

 4D0034

 2E001E

 000000

 FF2ECE

 FF2ECE

 FF15C8

 FF48D4

 FF00C3

 FF61DA

 FF7BE0

 FF94E6

 FFAEEC

 FFC7F2

 FFE1F8

 FFFAFE

FFFFFF

# Harmonies

## Analogous

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



A86CFF



FF2ECE



FF007D

# Triad

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



FF2ECE



9A9400



00B1F4

# Complementary

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



FF2ECE



2EFF5F

# 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.



00B1A5



FF2ECE



36A500

# Square

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



FF2ECE



DD7400



00AE4E



00A9FF

# Rectangle

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



FF2ECE



FF2948



00AE4E



00B2DC



# Sweetspot

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



FF2ECE



FFBFF0



5F2EFF



805977



000000



808080



# Same Dimension

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



FF2ECE



FF05C4



FF2E66



80737D



BF0092



400031



# Inverse Universe

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



FF2ECE



FF05C4



2EFFC7



80737D



BF0092



400031



# Previews

## White Background



This preview shows how the Hex color FF2ECE 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 FF2ECE Background



This preview shows how black text looks on a background with the Hex color FF2ECE.

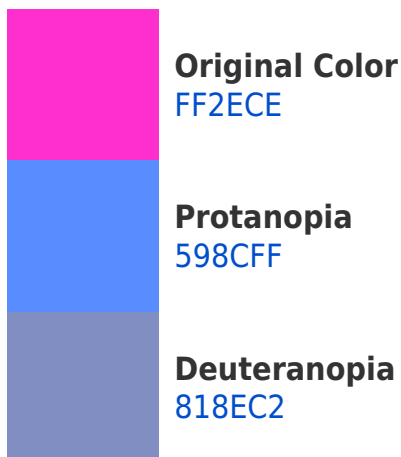


This preview shows how white text looks on a background with the Hex color FF2ECE.

# 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**  
F55A5F

# Trichromacy



**Original Color**  
FF2ECE



**Protanomaly**  
956AED



**Deuteranomaly**  
AF6BC6



**Tritanomaly**  
F94A87

# Monochromacy



**Original Color**  
FF2ECE



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
AE629C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2ECE 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 #FF2ECE looks like.

```
.text, #text, p{  
    color:#FF2ECE  
}
```

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 #FF2ECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2ECE
}
```

## Border

The CSS property to change the border of an element to Hex FF2ECE 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
#FF2ECE }
```

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

```
.border{ border-color:#FF2ECE }
```

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

Here you see how a box with a 4 pixel #FF2ECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2ECE; -webkit-box-shadow:4px 4px  
4px 4px #FF2ECE; box-shadow:4px 4px 4px  
4px #FF2ECE }
```

# Background

The CSS property to change the background color of an element to Hex FF2ECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2ECE }
```

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

```
.background{ background-color:#FF2ECE }
```

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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