

# Converting Colors

Hex(FF2384)

Have a look what the booklet for  
Hex(FF2384) contains.

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**Color**

**Hex(F2384)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2384
RGB	255, 35, 132
RGB Percent	100%, 14%, 52%
CMY	0.0000, 0.8627, 0.4824
CMYK	0.00, 0.86, 0.48, 0.00
HSL	334°, 100%, 57%
HSV	334°, 86%, 100%
XYZ	46.0059, 24.1280, 24.0622
YIQ	111.8380, 99.9830, 76.8070

# Conversions

## Conversions Part 2

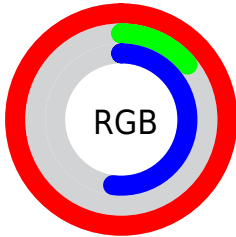
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 35, 132
Decimal	16720772
CIE <sub>Lab</sub>	56.22, 81.31, 3.59
CIE <sub>LCh</sub>	56, 81.385, 2.530
Yxy	24.1280, 0.4884, 0.2561
Android (android.graphics.Color)	4294910852 (0xFFFF2384)
YUV	111.8380, 9.9399, 125.5531
Hunter-Lab	49.1203, 81.2221, 5.3402

# Details

The Hex color **FF2384** 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 **23FF9E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF6EB9**, and **C00053** is the 20% darker color. If you saturate the color by 10%, you get **FF0976**, and if you desaturate by 10%, it is **FF3C92**.

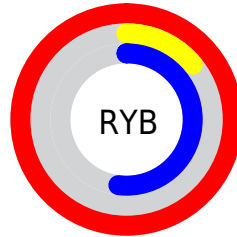
# Distribution



Red (100%)

Green (14%)

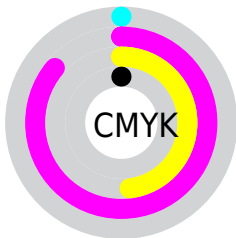
Blue (52%)



Red (100%)

Yellow (14%)

Blue (52%)

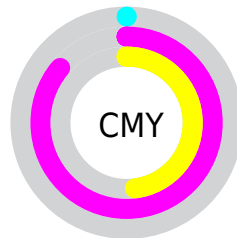


Cyan (0%)

Magenta (86%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (86%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2384 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 FF2384 by changing the saturation by 10% instead.



 FF2384

 FF2384

FFFFFF

 DF006B

 FF6EB9

 C00053

 FF8DD4

 A0003C

 FFABF1

 810027

 FFC9FF

 630012

 FFE8FF

 450003

 240001

 000000

 FF2384

 FF2384

 FF0976

 FF3C92

 FF0070

 FF56A1

 FF6FAF

 FF89BD

 FFA3CB

 FFBCDA

 FFD5E8

 FFEFF6

FFFFFF

# Harmonies

## Analogous

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



DE46C9



FF2384



F9403F

# Triad

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



FF2384



549800



009FFF

# Complementary

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



FF2384



23FF9E

# 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.



00A5D2



FF2384



00A140

# Square

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



FF2384



9E8600



00A58B



008EFF

# Rectangle

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



FF2384



E35C05



00A58B



00A1F7



# Sweetspot

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



FF2384



FFBDDA



9C23FF



805869



000000



808080



# Same Dimension

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



FF2384



FF0070



FF2E23



807378



BF0054



40001C



# Inverse Universe

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



FF2384



FF0070



23F4FF



807378



BF0054



40001C



# Previews

## White Background



This preview shows how the Hex color FF2384 looks on a white background.

## Color Contrast Check

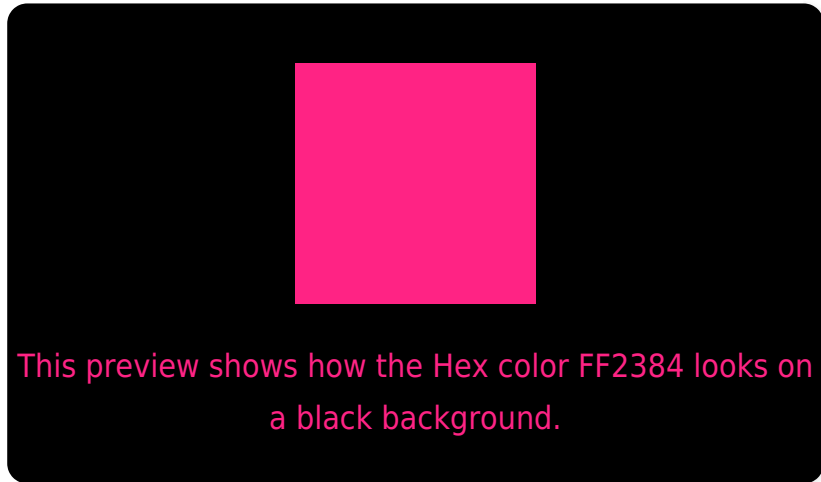
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2384 Background



This preview shows how black text looks on a background with the Hex color FF2384.



This preview shows how white text looks on a background with the Hex color FF2384.

# 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**  
FF2384



**Protanomaly**  
A961A6



**Deuteranomaly**  
BE5F7E

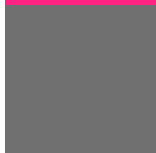


**Tritanomaly**  
FC3357

# Monochromacy



**Original Color**  
FF2384



**Achromatopsia**  
707070



**Achromatomaly**  
A45477

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2384 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 #FF2384 looks like.

```
.text, #text, p{  
    color:#FF2384  
}
```

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 #FF2384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2384
}
```

## Border

The CSS property to change the border of an element to Hex FF2384 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
#FF2384 }
```

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

```
.border{ border-color:#FF2384 }
```

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

Here you see how a box with a 4 pixel #FF2384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2384; -webkit-box-shadow:4px 4px  
4px 4px #FF2384; box-shadow:4px 4px 4px  
4px #FF2384 }
```

# Background

The CSS property to change the background color of an element to Hex FF2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2384 }
```

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

```
.background{ background-color:#FF2384 }
```

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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