

# Converting Colors

Hex(FF2084)

Have a look what the booklet for  
Hex(FF2084) contains.

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**Color**

**Hex(FF2084)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2084
RGB	255, 32, 132
RGB Percent	100%, 13%, 52%
CMY	0.0000, 0.8745, 0.4824
CMYK	0.00, 0.87, 0.48, 0.00
HSL	333°, 100%, 56%
HSV	333°, 87%, 100%
XYZ	45.9214, 23.9590, 24.0340
YIQ	110.0770, 100.8080, 78.3760

# Conversions

## Conversions Part 2

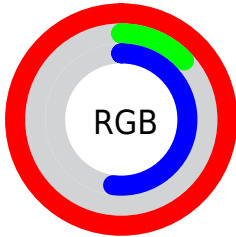
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 32, 132
Decimal	16720004
CIE <sub>Lab</sub>	56.05, 81.79, 3.35
CIE <sub>LCh</sub>	56, 81.862, 2.344
Yxy	23.9590, 0.4890, 0.2551
Android (android.graphics.Color)	4294910084 (0xFFFF2084)
YUV	110.0770, 10.8080, 127.0975
Hunter-Lab	48.9479, 81.8042, 5.1514

# Details

The Hex color **FF2084** 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 **20FF9B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6CB9**, and **C00053** is the 20% darker color. If you saturate the color by 10%, you get **FF0776**, and if you desaturate by 10%, it is **FF3992**.

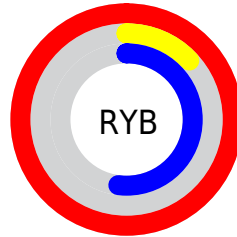
# Distribution



Red (100%)

Green (13%)

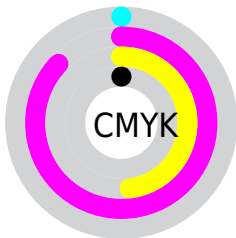
Blue (52%)



Red (100%)

Yellow (13%)

Blue (52%)

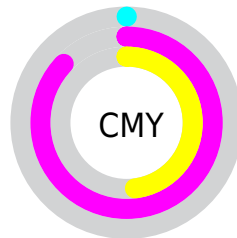


Cyan (0%)

Magenta (87%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (87%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2084 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 FF2084 by changing the saturation by 10% instead.



 FF2084

 FF2084

FFFFFF

 DF006B

 FF6CB9

 C00053

 FF8CD4

 A0003C

 FFAAF1

 810027


 FFC8FF

 630012

 FFE7FF

 450003

 230001

 000000

 FF2084

 FF2084

■ FF0776

■ FF3992

■ FF0072

■ FF53A0

■ FF6CAE

■ FF86BC

■ FFA0CA

■ FFB9D8

■ FFD3E6

■ FFECF5

FFFFFF

# Harmonies

## Analogous

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



DE45CA



FF2084



F93F3F

# Triad

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



FF2084



549700



009EFF

# Complementary

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



FF2084



20FF9B

# 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.



00A4D1



FF2084



00A03F

# Square

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



FF2084



9E8500



00A48A



008EFF

# Rectangle

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



FF2084



E45B04



00A48A



00A1F7



# Sweetspot

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



FF2084



FFBDDA



9B20FF



80586A



000000



808080



# Same Dimension

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



FF2084



FF0072



FF2B20



807378



BF0056



40001D



# Inverse Universe

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



FF2084



FF0072



20F4FF



807378



BF0056



40001D



# Previews

## White Background



This preview shows how the Hex color FF2084 looks on a white background.

## Color Contrast Check

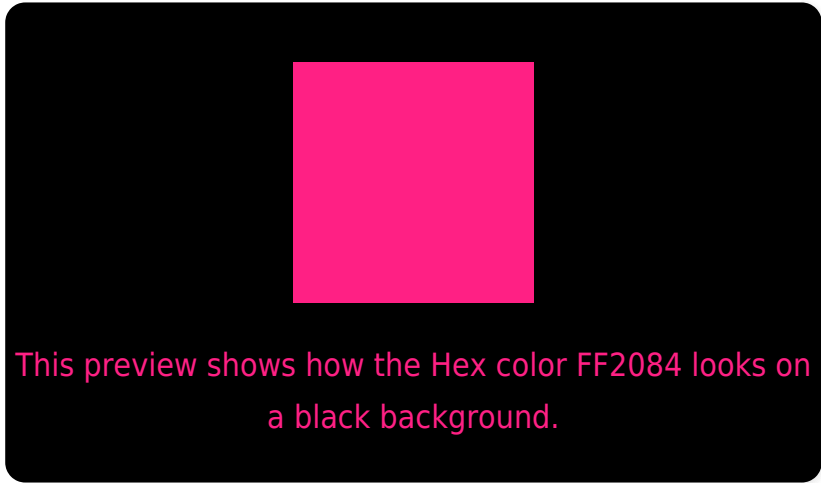
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2084 Background



This preview shows how black text looks on a background with the Hex color FF2084.



This preview shows how white text looks on a background with the Hex color FF2084.

# 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**  
FB3B3C

# Trichromacy



**Original Color**  
FF2084



**Protanomaly**  
A860A6



**Deuteranomaly**  
BE5E7E



**Tritanomaly**  
FC3156

# Monochromacy



**Original Color**  
FF2084



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
A35276

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2084 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 #FF2084 looks like.

```
.text, #text, p{  
    color:#FF2084  
}
```

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 #FF2084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2084
}
```

## Border

The CSS property to change the border of an element to Hex FF2084 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
#FF2084 }
```

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

```
.border{ border-color:#FF2084 }
```

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

Here you see how a box with a 4 pixel #FF2084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2084; -webkit-box-shadow:4px 4px  
4px 4px #FF2084; box-shadow:4px 4px 4px  
4px #FF2084 }
```

# Background

The CSS property to change the background color of an element to Hex FF2084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2084 }
```

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

```
.background{ background-color:#FF2084 }
```

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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