

# Converting Colors

Hex(FF40C1)

Have a look what the booklet for  
Hex(FF40C1) contains.

<b>Hex(FF40C1)</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(F40C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF40C1
RGB	255, 64, 193
RGB Percent	100%, 25%, 76%
CMY	0.0000, 0.7490, 0.2431
CMYK	0.00, 0.75, 0.24, 0.00
HSL	319°, 100%, 63%
HSV	319°, 75%, 100%
XYZ	52.6990, 28.7770, 53.2291
YIQ	135.8150, 72.4270, 80.6110

# Conversions

## Conversions Part 2

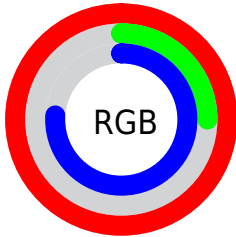
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 64, 193
Decimal	16728257
CIE <sub>Lab</sub>	60.58, 80.66, -25.51
CIE <sub>LCh</sub>	61, 84.596, 342.449
Yxy	28.7770, 0.3912, 0.2136
Android (android.graphics.Color)	4294918337 (0xFFFF40C1)
YUV	135.8150, 28.1922, 104.5252
Hunter-Lab	53.6442, 81.4774, -21.2801

# Details

The Hex color **FF40C1** 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 **40FF7E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF81FA**, and **C2008B** is the 20% darker color. If you saturate the color by 10%, you get **FF26B9**, and if you desaturate by 10%, it is **FF5AC9**.

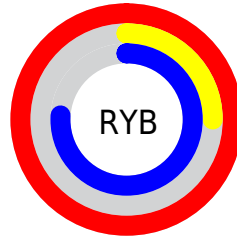
# Distribution



Red (100%)

Green (25%)

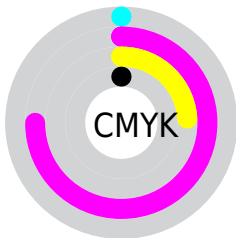
Blue (76%)



Red (100%)

Yellow (25%)

Blue (76%)

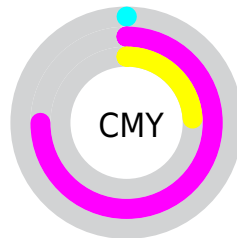


Cyan (0%)

Magenta (75%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF40C1 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 FF40C1 by changing the saturation by 10% instead.



 FF40C1

 FF40C1

FFFFFF

 E00EA6

 FF81FA

 C2008B

 FF9FFF

 A40072

 FFBDFE

 860059

 FFDBFF

 690041

 FFFAFF

 4D002B

 2F0015

 000000

 FF40C1

 FF40C1

 FF26B9

 FF5AC9

 FF0DB0

 FF73D2

 FF00AC

 FF8DDA

 FFA6E2

 FFC0EA

 FFD9F3

 FFF3FB

FFFFFF

# Harmonies

## Analogous

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



BA6DFF



FF40C1



FF3177

# Triad

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



FF40C1



949900



00B0F6

# Complementary

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



FF40C1



40FF7E

# 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.



00B2B0



FF40C1



35A800

# Square

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



FF40C1



D47E00



00B062



00A7FF

# Rectangle

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



FF40C1



FF4947



00B062



00B2E1



# Sweetspot

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



FF40C1



FFC7ED



7C40FF



805E75



000000



808080



# Same Dimension

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



FF40C1



FF19B5



FF4063



80737B



BF0081



40002B



# Inverse Universe

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



FF40C1



FF19B5



40FFDC



80737B



BF0081



40002B



# Previews

## White Background



This preview shows how the Hex color FF40C1 looks on a white background.

## Color Contrast Check

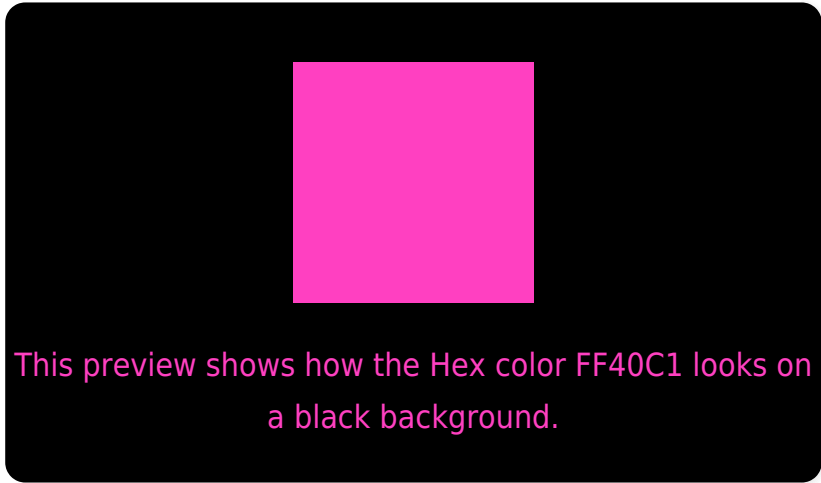
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF40C1 Background



This preview shows how black text looks on a background with the Hex color FF40C1.



This preview shows how white text looks on a background with the Hex color FF40C1.

# 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**  
F75E63

# Trichromacy



**Original Color**  
FF40C1



**Protanomaly**  
9A72E8



**Deuteranomaly**  
B772BA



**Tritanomaly**  
FA5385

# Monochromacy



**Original Color**  
FF40C1



**Achromatopsia**  
888888



**Achromatomaly**  
B36E9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF40C1 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 #FF40C1 looks like.

```
.text, #text, p{  
    color:#FF40C1  
}
```

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 #FF40C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF40C1
}
```

## Border

The CSS property to change the border of an element to Hex FF40C1 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
#FF40C1 }
```

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

```
.border{ border-color:#FF40C1 }
```

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

Here you see how a box with a 4 pixel #FF40C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF40C1; -webkit-box-shadow:4px 4px  
4px 4px #FF40C1; box-shadow:4px 4px 4px  
4px #FF40C1 }
```

# Background

The CSS property to change the background color of an element to Hex FF40C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF40C1 }
```

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

```
.background{ background-color:#FF40C1 }
```

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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