

Converting Colors

Hex(FF40B0)

Have a look what the booklet for
Hex(FF40B0) contains.

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Color

Hex(F440B0)

Conversions

Conversions Part 1

Format	Color
Hex	FF40B0
RGB	255, 64, 176
RGB Percent	100%, 25%, 69%
CMY	0.0000, 0.7490, 0.3098
CMYK	0.00, 0.75, 0.31, 0.00
HSL	325°, 100%, 63%
HSV	325°, 75%, 100%
XYZ	50.9099, 28.0614, 43.8074
YIQ	133.8770, 77.8840, 75.3240

Conversions

Conversions Part 2

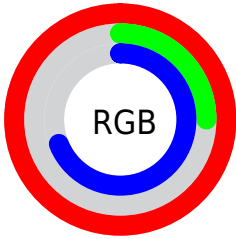
Format	Color
R_{YB}	255, 64, 176
Decimal	16728240
CIE _{Lab}	59.94, 78.72, -16.71
CIE _{LCh}	60, 80.469, 348.015
Yxy	28.0614, 0.4146, 0.2286
Android (android.graphics.Color)	4294918320 (0xFFFF40B0)
YUV	133.8770, 20.7666, 106.2249
Hunter-Lab	52.9730, 78.8453, -11.9504

Details

The Hex color **FF40B0** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **40FF8F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF80E8**, and **C1007B** is the 20% darker color. If you saturate the color by 10%, you get **FF26A5**, and if you desaturate by 10%, it is **FF5ABB**.

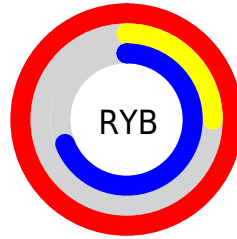
Distribution



Red (100%)

Green (25%)

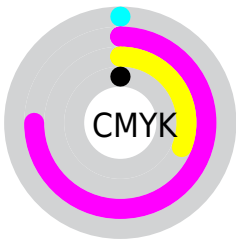
Blue (69%)



Red (100%)

Yellow (25%)

Blue (69%)

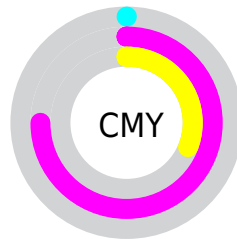


Cyan (0%)

Magenta (75%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF40B0 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 FF40B0 by changing the saturation by 10% instead.

 FF40B0

 FF40B0

FFFFFF

 E00F95

 FF80E8

 C1007B

 FF9EFF

 A30062

 FFBCFF

 85004A

 FFDAFF

 680034

 FFF9FF

 4C001F

 2F0002

 000000

 FF40B0

 FF40B0

 FF26A5

 FF5ABB

 FF0D9B

 FF73C5

 FF0096

 FF8DD0

 FFA6DA

 FFC0E5

 FFD9EF

 FFF3FA

FFFFFF

Harmonies

Analogous

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



C767F0



FF40B0



FF3E69

Triad

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



FF40B0



869A00



00ACF9

Complementary

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



FF40B0



40FF8F

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.



00B0BA



FF40B0



18A723

Square

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



FF40B0



C68300



00AE71



00A1FF

Rectangle

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



FF40B0



FF553C



00AE71



00AEE7

Sweetspot

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



FF40B0



FFC7E8



8C40FF



805E72



000000



808080

Same Dimension

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



FF40B0



FF19A0



FF4053



80737A



BF0070



400025

Inverse Universe

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



FF40B0



FF19A0



40FFEC



80737A



BF0070



400025

Previews

White Background



This preview shows how the Hex color FF40B0 looks on a white background.

Color Contrast Check

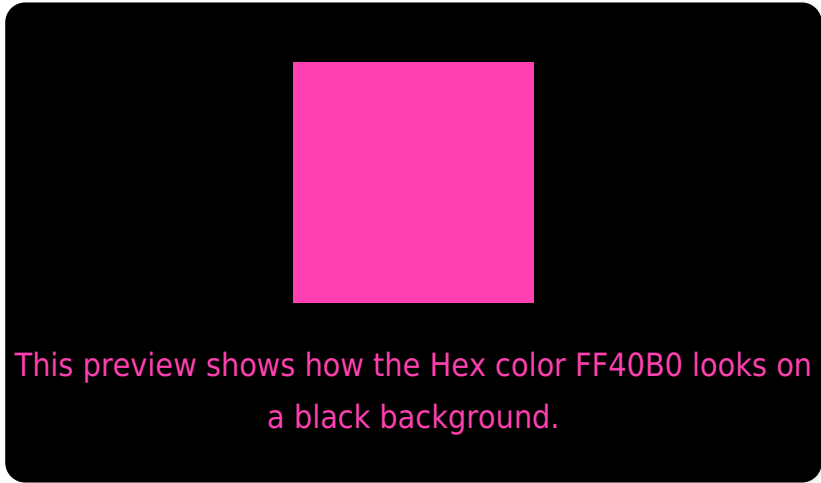
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF40B0 Background



This preview shows how black text looks on a background with the Hex color FF40B0.

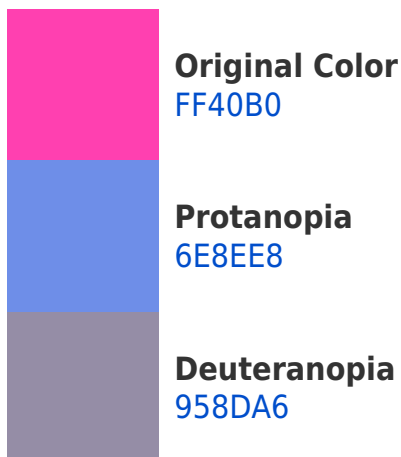


This preview shows how white text looks on a background with the Hex color FF40B0.

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](#).

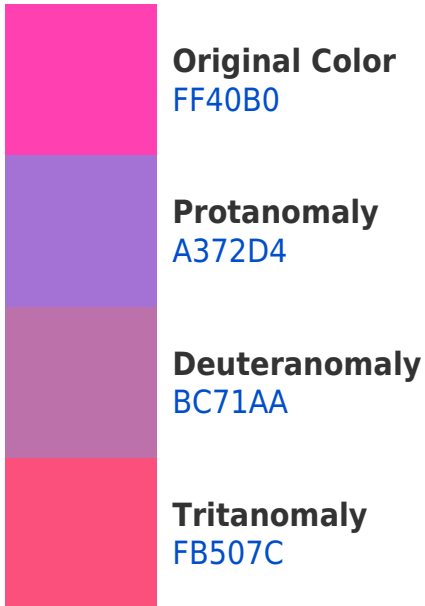
Dichromacy





Tritanopia
F9595E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF40B0 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 #FF40B0 looks like.

```
.text, #text, p{  
    color:#FF40B0  
}
```

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 #FF40B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF40B0
}
```

Border

The CSS property to change the border of an element to Hex FF40B0 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
#FF40B0 }
```

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

```
.border{ border-color:#FF40B0 }
```

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

Here you see how a box with a 4 pixel #FF40B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF40B0; -webkit-box-shadow:4px 4px  
4px 4px #FF40B0; box-shadow:4px 4px 4px  
4px #FF40B0 }
```

Background

The CSS property to change the background color of an element to Hex FF40B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF40B0 }
```

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

```
.background{ background-color:#FF40B0 }
```

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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