

Converting Colors

Hex(F640BB)

Have a look what the booklet for
Hex(F640BB) contains.

Hex(F640BB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F640BB)

Conversions

Conversions Part 1

Format	Color
Hex	F640BB
RGB	246, 64, 187
RGB Percent	96%, 25%, 73%
CMY	0.0353, 0.7490, 0.2667
CMYK	0.00, 0.74, 0.24, 0.04
HSL	319°, 91%, 61%
HSV	319°, 74%, 96%
XYZ	48.8091, 26.8475, 49.6233
YIQ	132.4400, 68.9890, 76.8370

Conversions

Conversions Part 2

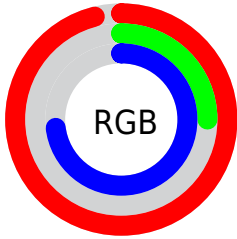
Format	Color
RYB	246, 64, 187
Decimal	16138427
CIELab	58.83, 77.84, -24.89
CIELCh	59, 81.724, 342.268
Yxy	26.8475, 0.3896, 0.2143
Android (android.graphics.Color)	4294328507 (0xFFFF640BB)
YUV	132.4400, 26.8981, 99.5921
Hunter-Lab	51.8146, 77.4707, -20.5124

Details

The Hex color **F640BB** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **40F67B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF7FF3**, and **B90086** is the 20% darker color. If you saturate the color by 10%, you get **F627B3**, and if you desaturate by 10%, it is **F659C3**.

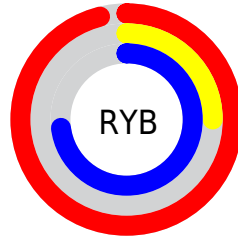
Distribution



Red (96%)

Green (25%)

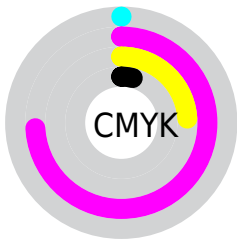
Blue (73%)



Red (96%)

Yellow (25%)

Blue (73%)

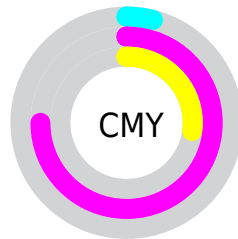


Cyan (0%)

Magenta (74%)

Yellow (24%)

Black (4%)



Cyan (4%)

Magenta (75%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color F640BB 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 F640BB by changing the saturation by 10% instead.

 F640BB

 F640BB

FFFFFF

 D712A0

 FF7FF3

 B90086

 FF9DFF

 9B006C

 FFBBFF

 7E0054

 FFD9FF

 61003C

 FFF7FF

 460026

 28000E

 000000

 F640BB

 F640BB

 F627B3

 F659C3

 F60FAB

 F671CB

 F600A6

 F68AD3

 F6A2DB

 F6BBE3

 F6D4EB

 F6ECF3

 F6FFFB

 F6FFFF

Harmonies

Analogous

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



B36BF9



F640BB



FF3274

Triad

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



F640BB



909400



00ABED

Complementary

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



F640BB



40F67B

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.



00ADAA



F640BB



37A300

Square

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



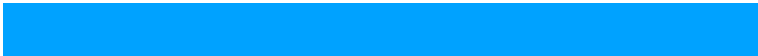
F640BB



CD7A00



00AA5F



00A2FF

Rectangle

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



F640BB



FF4845



00AA5F



00ACD9

Sweetspot

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



F640BB



FFC7ED



7A40F6



805E75



000000



808080

Same Dimension

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



F640BB



FF1CB5



F64061



7A6E76



BA007E



3B0028

Inverse Universe

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



F640BB



FF1CB5



40F6D5



7A6E76



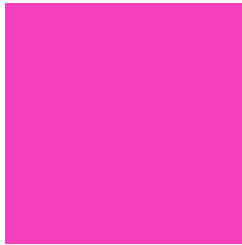
BA007E



3B0028

Previews

White Background



This preview shows how the Hex color F640BB looks on a white background.

Color Contrast Check

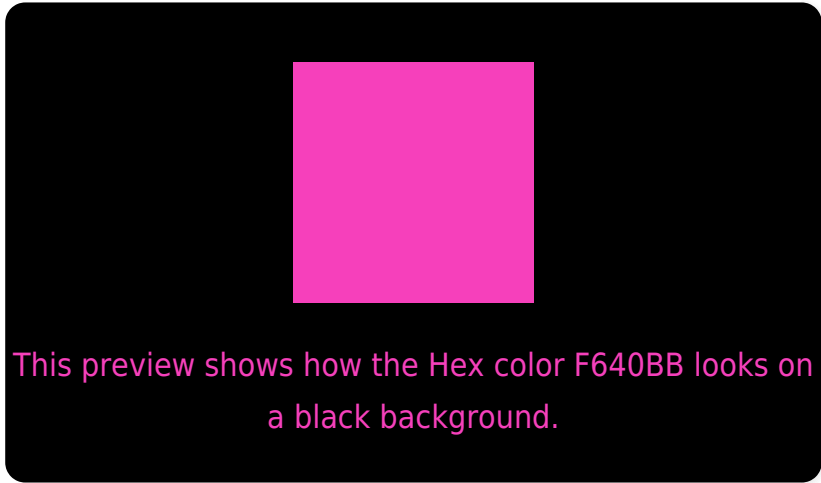
Large Text (above 18pt) WCAG AA ✓ Pass

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 F640BB Background



This preview shows how black text looks on a background with the Hex color F640BB.

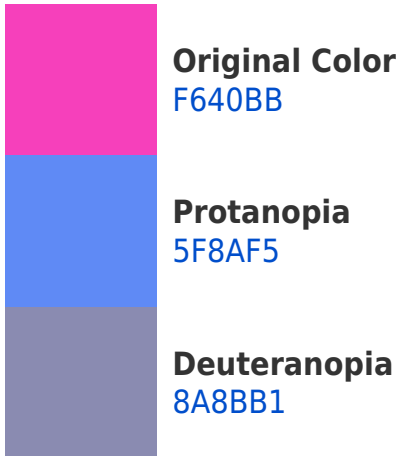


This preview shows how white text looks on a background with the Hex color F640BB.

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
F640BB



Protanomaly
966FE0



Deuteranomaly
B170B5



Tritanomaly
F25282

Monochromacy



Original Color
F640BB



Achromatopsia
848484



Achromatomaly
AD6B98

CSS Examples

Text

The CSS property to change the color of the text to Hex F640BB 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 #F640BB looks like.

```
.text, #text, p{  
    color:#F640BB  
}
```

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 #F640BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F640BB
}
```

Border

The CSS property to change the border of an element to Hex F640BB 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
#F640BB }
```

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

```
.border{ border-color:#F640BB }
```

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

Here you see how a box with a 4 pixel #F640BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F640BB; -webkit-box-shadow:4px 4px  
4px 4px #F640BB; box-shadow:4px 4px 4px  
4px #F640BB }
```

Background

The CSS property to change the background color of an element to Hex F640BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F640BB }
```

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

```
.background{ background-color:#F640BB }
```

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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