

Converting Colors

Hex(F800B4)

Have a look what the booklet for
Hex(F800B4) contains.

| | |
|--|----|
| Hex(F800B4) | 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(F800B4)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F800B4 |
| RGB | 248, 0, 180 |
| RGB Percent | 97%, 0%, 71% |
| CMY | 0.0275, 1.0000, 0.2941 |
| CMYK | 0.00, 1.00, 0.27, 0.03 |
| HSL | 316°, 100%, 49% |
| HSV | 316°, 100%, 97% |
| XYZ | 46.9496, 23.2517, 45.1935 |
| YIQ | 94.6720, 90.0280, 108.5560 |

Conversions

Conversions Part 2

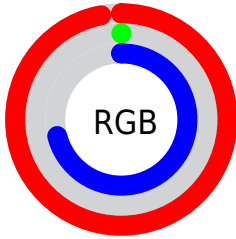
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 248, 0, 180 |
| Decimal | 16253108 |
| CIE Lab | 55.33, 87.79, -26.20 |
| CIE LCh | 55, 91.614, 343.379 |
| Yxy | 23.2517, 0.4069, 0.2015 |
| Android (android.graphics.Color) | 4294443188 (0xFFFF800B4) |
| YUV | 94.6720, 42.0667, 134.4687 |
| Hunter-Lab | 48.2201, 89.4120, -21.8146 |

Details

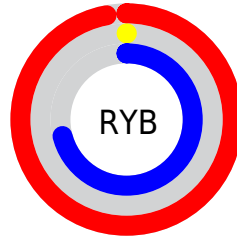
The Hex color **F800B4** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **00F844**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF64EC**, and **BA007F** is the 20% darker color. If you saturate the color by 10%, you get **F800B4**, and if you desaturate by 10%, it is **F819BB**.

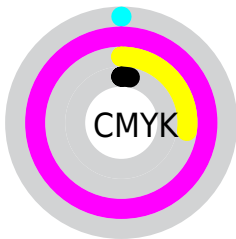
Distribution



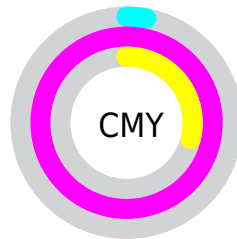
- Red (97%)
- Green (0%)
- Blue (71%)



- Red (97%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color F800B4 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 F800B4 by changing the saturation by 10% instead.

 F800B4

 F800B4

FFFFFF

 D90099

 FF64EC

 BA007F

 FF85FF

 9C0066

 FFA4FF

 7E004D

 FFC2FF

 600036

 FFE1FF

 430021

 260003

 000000

 F800B4

 F819BB

 F832C2

 F84AC8

 F863CF

 F87CD6

 F895DD

 F8AEE4

 F8C6EA

 F8DFF1

Harmonies

Analogous

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



B059FA



F800B4



FF0065

Triad

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



F800B4



818C00



00A4F1

Complementary

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



F800B4



00F844

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.



00A5A7



F800B4



009B00

Square

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



F800B4



C57000



00A253



009AFF

Rectangle

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



F800B4



FF2832



00A253



00A5DB

Sweetspot

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



F800B4



FFB3EA



4200F8



805273



000000



808080

Same Dimension

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



F800B4



FF00B9



F8003A



7D707A



BD0089



3D002C

Inverse Universe

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



F800B4



FF00B9



00F8BE



7D707A



BD0089



3D002C

Previews

White Background



This preview shows how the Hex color F800B4 looks on a white background.

Color Contrast Check

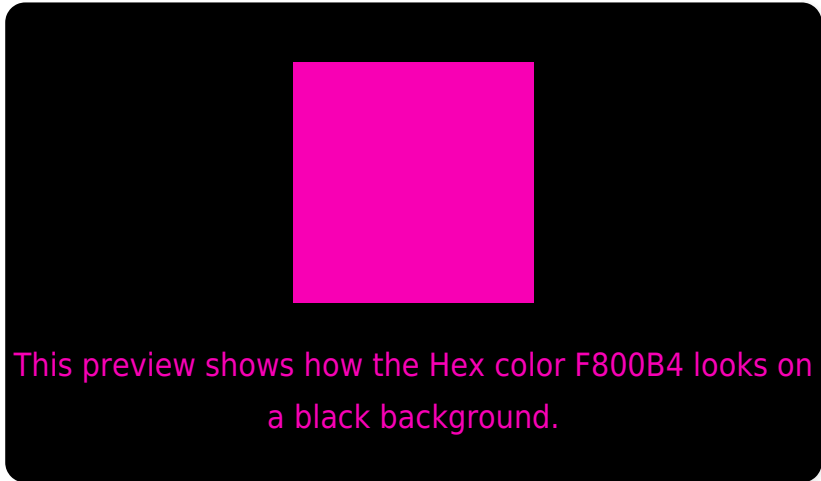
Large Text (above 18pt) WCAG AA ✓ Pass

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 F800B4 Background



This preview shows how black text looks on a background with the Hex color F800B4.

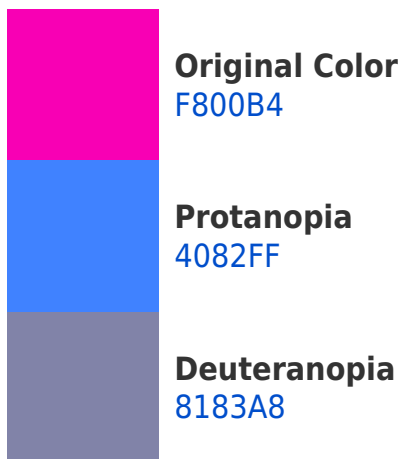


This preview shows how white text looks on a background with the Hex color F800B4.

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



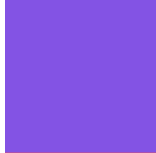


Tritanopia
F0474A

Trichromacy



Original Color
F800B4



Protanomaly
8353E4



Deuteranomaly
AC53AC



Tritanomaly
F32D71

Monochromacy



Original Color
F800B4



Achromatopsia
5F5F5F



Achromatomaly
973C7E

CSS Examples

Text

The CSS property to change the color of the text to Hex F800B4 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 #F800B4 looks like.

```
.text, #text, p{  
    color:#F800B4  
}
```

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 #F800B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F800B4
}
```

Border

The CSS property to change the border of an element to Hex F800B4 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
#F800B4 }
```

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

```
.border{ border-color:#F800B4 }
```

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

Here you see how a box with a 4 pixel #F800B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F800B4; -webkit-box-shadow:4px 4px  
4px 4px #F800B4; box-shadow:4px 4px 4px  
4px #F800B4 }
```

Background

The CSS property to change the background color of an element to Hex F800B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F800B4 }
```

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

```
.background{ background-color:#F800B4 }
```

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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