

Converting Colors

Hex(F30B8B)

Have a look what the booklet for
Hex(F30B8B) contains.

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Color

Hex(F30B8B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F30B8B |
| RGB | 243, 11, 139 |
| RGB Percent | 95%, 4%, 55% |
| CMY | 0.0471, 0.9569, 0.4549 |
| CMYK | 0.00, 0.95, 0.43, 0.05 |
| HSL | 327°, 91%, 50% |
| HSV | 327°, 95%, 95% |
| XYZ | 41.7420, 21.1581, 26.3100 |
| YIQ | 94.9600, 97.1840, 88.9920 |

Conversions

Conversions Part 2

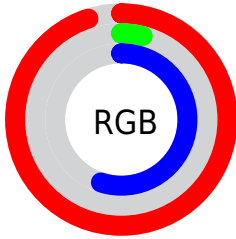
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 243, 11, 139 |
| Decimal | 15928203 |
| CIE _{Lab} | 53.12, 82.12, -5.39 |
| CIE _{LCh} | 53, 82.294, 356.241 |
| Yxy | 21.1581, 0.4679, 0.2372 |
| Android (android.graphics.Color) | 4294118283 (0xFFFF30B8B) |
| YUV | 94.9600, 21.7117, 129.8311 |
| Hunter-Lab | 45.9979, 81.4880, -1.7142 |

Details

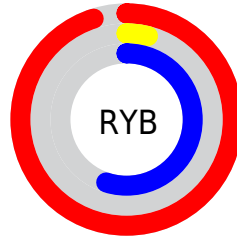
The Hex color **F30B8B** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **0BF373**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF64C0**, and **B40059** is the 20% darker color. If you saturate the color by 10%, you get **F30086**, and if you desaturate by 10%, it is **F32396**.

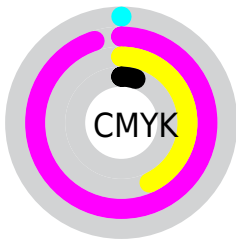
Distribution



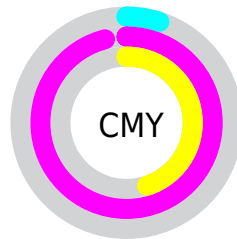
- Red (95%)
- Green (4%)
- Blue (55%)



- Red (95%)
- Yellow (4%)
- Blue (55%)



- Cyan (0%)
- Magenta (95%)
- Yellow (43%)
- Black (5%)



- Cyan (5%)
- Magenta (96%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color F30B8B 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 F30B8B by changing the saturation by 10% instead.

 F30B8B

 F30B8B

FFFFFF

 D40072

 FF64C0

 B40059

 FF83DC

 960042

 FFA2F9

 77002C

 FFC0FF

 590018

 FFDFFF

 3B0002

 FFFDFD

 150000

 000000

 F30B8B

 F30B8B

 F30086

 F32396

 F33CA1

 F354AC

 F36CB7

 F384C1

 F39DCC

 F3B5D7

 F3CDE2

 F3E6ED

Harmonies

Analogous

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



C945CF



F30B8B



F42845

Triad

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



F30B8B



5D8D00



0098F5

Complementary

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



F30B8B



0BF373

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.



009DBC



F30B8B



009726

Square

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



F30B8B



A27900



009C73



008BFF

Rectangle

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



F30B8B



E24A13



009C73



009BE5

Sweetspot

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



F30B8B



FFB5DE



700BF3



80536B



000000



808080

Same Dimension

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



F30B8B



FF008D



F30B1A



7A6E75



BA0067



3B0020

Inverse Universe

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



F30B8B



FF008D



0BF3E4



7A6E75



BA0067



3B0020

Previews

White Background



This preview shows how the Hex color F30B8B looks on a white background.

Color Contrast Check

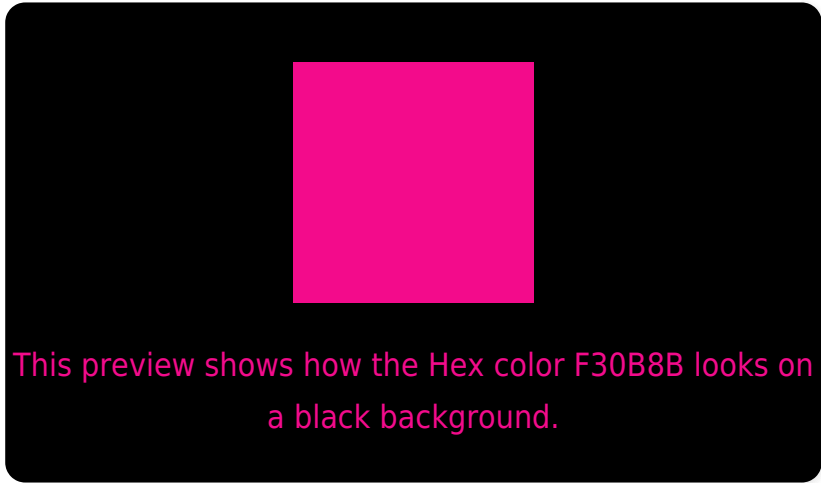
Large Text (above 18pt) WCAG AA ✓ Pass

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 F30B8B Background



This preview shows how black text looks on a background with the Hex color F30B8B.



This preview shows how white text looks on a background with the Hex color F30B8B.

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
F30B8B



Protanomaly
9954B1



Deuteranomaly
B15385



Tritanomaly
F02857

Monochromacy



Original Color
F30B8B



Achromatopsia
5F5F5F



Achromatomaly
95406F

CSS Examples

Text

The CSS property to change the color of the text to Hex F30B8B 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 #F30B8B looks like.

```
.text, #text, p{  
    color:#F30B8B  
}
```

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 #F30B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F30B8B
}
```

Border

The CSS property to change the border of an element to Hex F30B8B 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
#F30B8B }
```

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

```
.border{ border-color:#F30B8B }
```

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

Here you see how a box with a 4 pixel #F30B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F30B8B; -webkit-box-shadow:4px 4px  
4px 4px #F30B8B; box-shadow:4px 4px 4px  
4px #F30B8B }
```

Background

The CSS property to change the background color of an element to Hex F30B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F30B8B }
```

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

```
.background{ background-color:#F30B8B }
```

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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