

Converting Colors

Hex(F200BB)

Have a look what the booklet for
Hex(F200BB) contains.

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Color

Hex(F200BB)

Conversions

Conversions Part 1

Format	Color
Hex	F200BB
RGB	242, 0, 187
RGB Percent	95%, 0%, 73%
CMY	0.0510, 1.0000, 0.2667
CMYK	0.00, 1.00, 0.23, 0.05
HSL	314°, 100%, 47%
HSV	314°, 100%, 95%
XYZ	45.5876, 22.4651, 48.9472
YIQ	93.6760, 84.2050, 109.4610

Conversions

Conversions Part 2

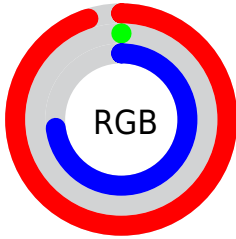
Format	Color
R _Y B	242, 0, 187
Decimal	15859899
CIE Lab	54.52, 87.43, -31.63
CIE LCh	55, 92.979, 340.113
Yxy	22.4651, 0.3896, 0.1920
Android (android.graphics.Color)	4294049979 (0xFFFF200BB)
YUV	93.6760, 46.0087, 130.0801
Hunter-Lab	47.3974, 88.7389, -28.0505

Details

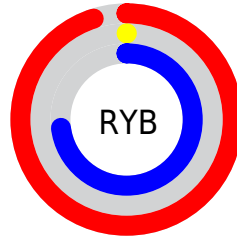
The Hex color **F200BB** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **00F237**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF63F3**, and **B50085** is the 20% darker color. If you saturate the color by 10%, you get **F200BB**, and if you desaturate by 10%, it is **F218C0**.

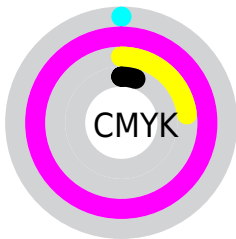
Distribution



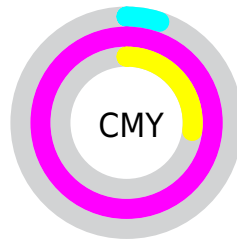
- Red (95%)
- Green (0%)
- Blue (73%)



- Red (95%)
- Yellow (0%)
- Blue (73%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color F200BB 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 F200BB by changing the saturation by 10% instead.

 F200BB

 F200BB

FFFFFF

 D300A0

 FF63F3

 B50085

 FF84FF

 96006C

 FFA3FF

 790053

 FFC1FF

 5C003C

 FFE0FF

 3F0025

 20000D

 000000

 F200BB

 F218C0

 F230C6

 F249CB

 F261D1

 F279D6

 F291DC

 F2A9E1

 F2C2E7

 F2DAEC

Harmonies

Analogous

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



A15CFF



F200BB



FF006B

Triad

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



F200BB



868800



00A2EA

Complementary

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



F200BB



00F237

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.



00A39D



F200BB



0D9800

Square

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



F200BB



C96A00



00A047



009AFF

Rectangle

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



F200BB



FF1037



00A047



00A3D2

Sweetspot

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



F200BB



FFB3EE



3400F2



805275



000000



808080

Same Dimension

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



F200BB



FF00C5



F20045



786C75



B8008E



38002B

Inverse Universe

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



F200BB



FF00C5



00F2AD



786C75



B8008E



38002B

Previews

White Background



This preview shows how the Hex color F200BB looks on a white background.

Color Contrast Check

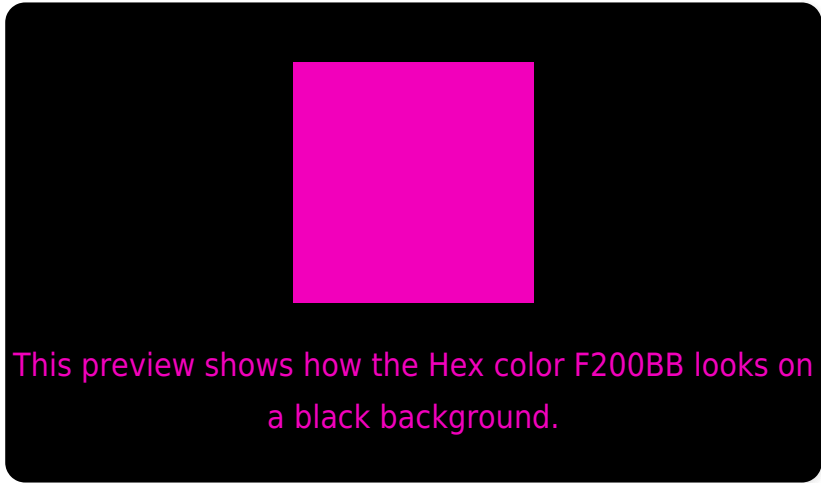
Large Text (above 18pt) WCAG AA ✓ Pass

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 F200BB Background



This preview shows how black text looks on a background with the Hex color F200BB.



This preview shows how white text looks on a background with the Hex color F200BB.

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
E94A4D

Trichromacy



Original Color
F200BB



Protanomaly
7C51E6



Deuteranomaly
A553B3



Tritanomaly
EC2F75

Monochromacy



Original Color
F200BB



Achromatopsia
5E5E5E



Achromatomaly
943C80

CSS Examples

Text

The CSS property to change the color of the text to Hex F200BB 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 #F200BB looks like.

```
.text, #text, p{  
    color:#F200BB  
}
```

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 #F200BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F200BB
}
```

Border

The CSS property to change the border of an element to Hex F200BB 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
#F200BB }
```

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

```
.border{ border-color:#F200BB }
```

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

Here you see how a box with a 4 pixel #F200BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F200BB; -webkit-box-shadow:4px 4px  
4px 4px #F200BB; box-shadow:4px 4px 4px  
4px #F200BB }
```

Background

The CSS property to change the background color of an element to Hex F200BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F200BB }
```

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

```
.background{ background-color:#F200BB }
```

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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