

Converting Colors

Hex(F200BA)

Have a look what the booklet for
Hex(F200BA) contains.

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Color

Hex(F200BA)

Conversions

Conversions Part 1

Format	Color
Hex	F200BA
RGB	242, 0, 186
RGB Percent	95%, 0%, 73%
CMY	0.0510, 1.0000, 0.2706
CMYK	0.00, 1.00, 0.23, 0.05
HSL	314°, 100%, 47%
HSV	314°, 100%, 95%
XYZ	45.4809, 22.4224, 48.3852
YIQ	93.5620, 84.5260, 109.1500

Conversions

Conversions Part 2

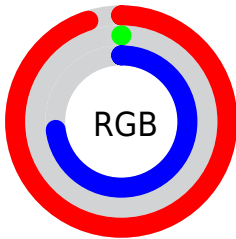
Format	Color
R_YB	242, 0, 186
Decimal	15859898
CIE _{Lab}	54.47, 87.32, -31.12
CIE _{LCh}	54, 92.700, 340.386
Yxy	22.4224, 0.3911, 0.1928
Android (android.graphics.Color)	4294049978 (0xFFFF200BA)
YUV	93.5620, 45.5719, 130.1801
Hunter-Lab	47.3523, 88.5789, -27.4367

Details

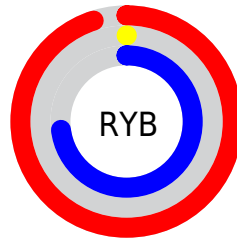
The Hex color **F200BA** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **00F238**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF63F2**, and **B50084** is the 20% darker color. If you saturate the color by 10%, you get **F200BA**, and if you desaturate by 10%, it is **F218C0**.

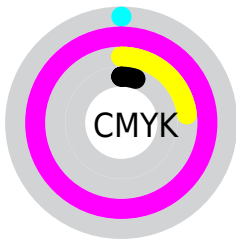
Distribution



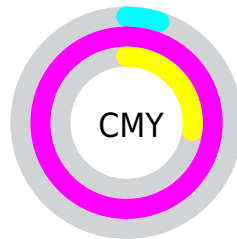
- Red (95%)
- Green (0%)
- Blue (73%)



- 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 F200BA 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 F200BA by changing the saturation by 10% instead.

 F200BA

 F200BA

FFFFFF

 D3009F

 FF63F2

 B50084

 FF83FF

 96006B

 FFA2FF

 790052

 FFC1FF

 5C003B

 FFE0FF

 3F0025

 20000B

 000000

 F200BA

 F218C0

 F230C5

 F249CB

 F261D0

 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.



A25CFE



F200BA



FF006B

Triad

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



F200BA



868800



00A2EA

Complementary

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



F200BA



00F238

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



F200BA



0A9800

Square

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



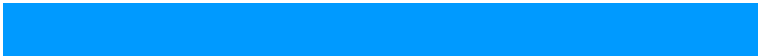
F200BA



C86A00



00A048



009AFF

Rectangle

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



F200BA



FF1337



00A048



00A3D2

Sweetspot

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



F200BA



FFB3ED



3400F2



805275



000000



808080

Same Dimension

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



F200BA



FF00C4



F20045



786C75



B8008D



38002B

Inverse Universe

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



F200BA



FF00C4



00F2AD



786C75



B8008D



38002B

Previews

White Background



This preview shows how the Hex color F200BA looks on a white background.

Color Contrast Check

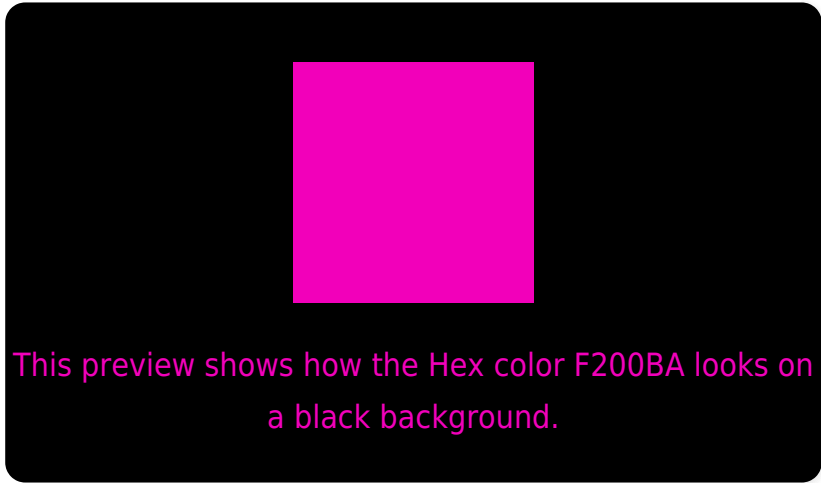
Large Text (above 18pt) WCAG AA ✓ Pass

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 F200BA Background



This preview shows how black text looks on a background with the Hex color F200BA.




This preview shows how white text looks on a background with the Hex color F200BA.

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
E9494D

Trichromacy



Original Color
F200BA



Protanomaly
7C51E6



Deuteranomaly
A553B2



Tritanomaly
EC2E75

Monochromacy



Original Color
F200BA



Achromatopsia
5E5E5E



Achromatomaly
943C7F

CSS Examples

Text

The CSS property to change the color of the text to Hex F200BA 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 #F200BA looks like.

```
.text, #text, p{  
    color:#F200BA  
}
```

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 #F200BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F200BA
}
```

Border

The CSS property to change the border of an element to Hex F200BA 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
#F200BA }
```

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

```
.border{ border-color:#F200BA }
```

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

Here you see how a box with a 4 pixel #F200BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F200BA; -webkit-box-shadow:4px 4px  
4px 4px #F200BA; box-shadow:4px 4px 4px  
4px #F200BA }
```

Background

The CSS property to change the background color of an element to Hex F200BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F200BA }
```

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

```
.background{ background-color:#F200BA }
```

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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