

Converting Colors

Hex(F200DA)

Have a look what the booklet for
Hex(F200DA) contains.

Hex(F200DA)	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(F200DA)

Conversions

Conversions Part 1

Format	Color
Hex	F200DA
RGB	242, 0, 218
RGB Percent	95%, 0%, 85%
CMY	0.0510, 1.0000, 0.1451
CMYK	0.00, 1.00, 0.10, 0.05
HSL	306°, 100%, 47%
HSV	306°, 100%, 95%
XYZ	49.2728, 23.9392, 68.3534
YIQ	97.2100, 74.2540, 119.1020

Conversions

Conversions Part 2

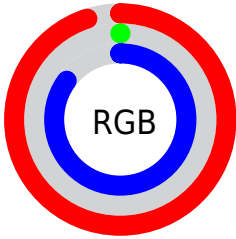
Format	Color
RYB	242, 0, 218
Decimal	15859930
CIELab	56.03, 91.20, -47.07
CIELCh	56, 102.629, 332.703
Yxy	23.9392, 0.3481, 0.1691
Android (android.graphics.Color)	4294050010 (0xFFFF200DA)
YUV	97.2100, 59.5495, 126.9808
Hunter-Lab	48.9277, 94.1357, -48.5805

Details

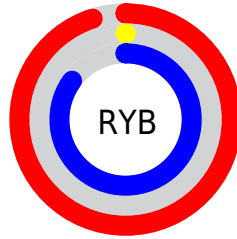
The Hex color **F200DA** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **00F218**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF65FF**, and **B500A2** is the 20% darker color. If you saturate the color by 10%, you get **F200DA**, and if you desaturate by 10%, it is **F218DC**.

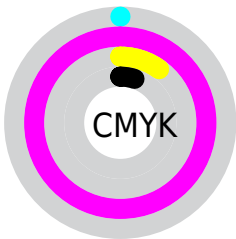
Distribution



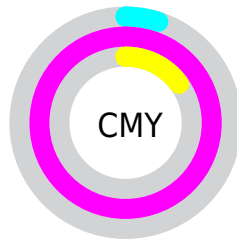
- Red (95%)
- Green (0%)
- Blue (85%)



- Red (95%)
- Yellow (0%)
- Blue (85%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color F200DA 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 F200DA by changing the saturation by 10% instead.

 F200DA

 F200DA

FFFFFF

 D300BE

 FF65FF

 B500A2

 FF85FF

 970088

 FFA5FF

 79006E

 FFC3FF

 5C0055

 FFE2FF

 40003D

 220026

 00010E

 000000

 F200DA

 F218DC

 F230DF

 F249E1

 F261E4

 F279E6

 F291E8

 F2A9EB

 F2C2ED

 F2DAF0

Harmonies

Analogous

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



7D69FF



F200DA



FF0083

Triad

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



F200DA



9D8600



00A9E6

Complementary

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



F200DA



00F218

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.



00A98C



F200DA



369B00

Square

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



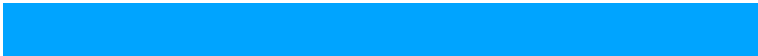
F200DA



E15E00



00A528



00A4FF

Rectangle

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



F200DA



FF0049



00A528



00AACA

Sweetspot

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



F200DA



FFB3F7



1400F2



80527B



000000



808080

Same Dimension

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



F200DA



FF00E6



F20065



786C77



B800A5



380033

Inverse Universe

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



F200DA



FF00E6



00F28D



786C77



B800A5



380033

Previews

White Background



This preview shows how the Hex color F200DA looks on a white background.

Color Contrast Check

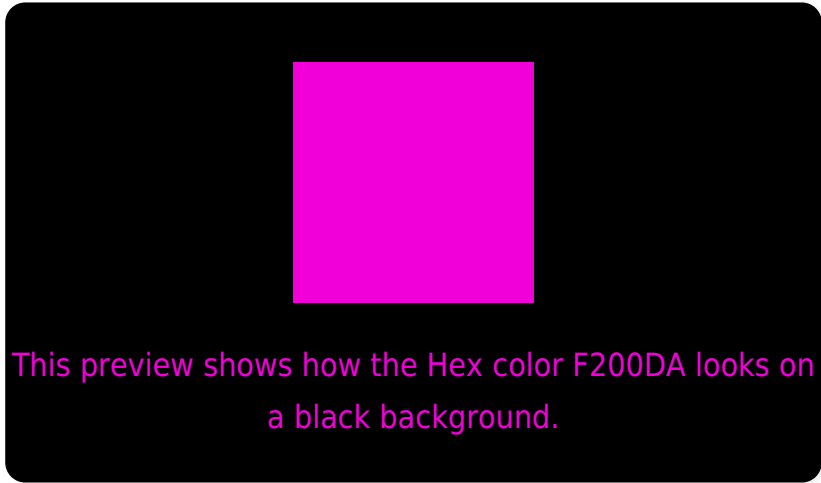
Large Text (above 18pt) WCAG AA ✓ Pass

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 F200DA Background



This preview shows how black text looks on a background with the Hex color F200DA.

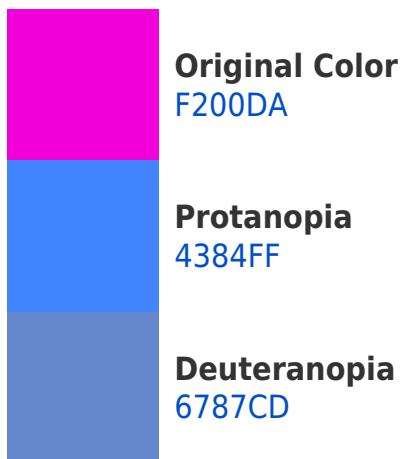


This preview shows how white text looks on a background with the Hex color F200DA.

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
E6565B

Trichromacy



Original Color
F200DA



Protanomaly
8354F2



Deuteranomaly
9A56D2



Tritanomaly
EA3789

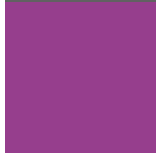
Monochromacy



Original Color
F200DA



Achromatopsia
616161



Achromatomaly
963E8D

CSS Examples

Text

The CSS property to change the color of the text to Hex F200DA 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 #F200DA looks like.

```
.text, #text, p{  
    color:#F200DA  
}
```

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 #F200DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F200DA
}
```

Border

The CSS property to change the border of an element to Hex F200DA 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".

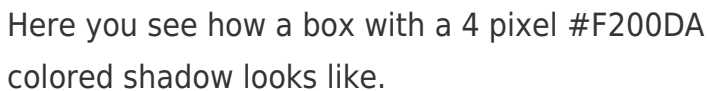
```
.border, #border, table{ border:4px solid
#F200DA }
```

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

```
.border{ border-color:#F200DA }
```

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

Here you see how a box with a 4 pixel #F200DA colored shadow looks like.

A rectangular box with a thick magenta border and a magenta shadow. The box is white with a magenta border and a magenta shadow. The shadow is a 4px magenta shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F200DA; -webkit-box-shadow:4px 4px  
4px 4px #F200DA; box-shadow:4px 4px 4px  
4px #F200DA }
```

Background

The CSS property to change the background color of an element to Hex F200DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F200DA }
```

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

```
.background{ background-color:#F200DA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor