

# Converting Colors

Hex(F200DE)

Have a look what the booklet for  
Hex(F200DE) contains.

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# Color

Hex(F200DE)

# Conversions

## Conversions Part 1

Format	Color
Hex	F200DE
RGB	242, 0, 222
RGB Percent	95%, 0%, 87%
CMY	0.0510, 1.0000, 0.1294
CMYK	0.00, 1.00, 0.08, 0.05
HSL	305°, 100%, 47%
HSV	305°, 100%, 95%
XYZ	49.8028, 24.1512, 71.1440
YIQ	97.6660, 72.9700, 120.3460

# Conversions

## Conversions Part 2

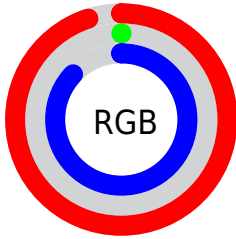
Format	Color
<a href="#">RYB</a>	<a href="#">242, 0, 222</a>
Decimal	<a href="#">15859934</a>
CIELab	<a href="#">56.24, 91.72, -49.00</a>
CIELCh	<a href="#">56, 103.989, 331.888</a>
Yxy	<a href="#">24.1512, 0.3432, 0.1664</a>
Android (android.graphics.Color)	<a href="#">4294050014 (0xFFFF200DE)</a>
YUV	<a href="#">97.6660, 61.2967, 126.5809</a>
Hunter-Lab	<a href="#">49.1438, 94.8916, -51.4316</a>

# Details

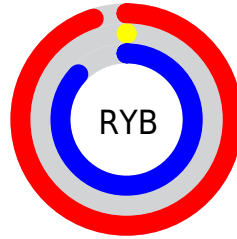
The Hex color **F200DE** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **00F214**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF65FF**, and **B500A6** is the 20% darker color. If you saturate the color by 10%, you get **F200DE**, and if you desaturate by 10%, it is **F218E0**.

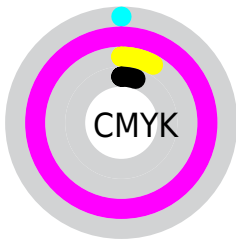
# Distribution



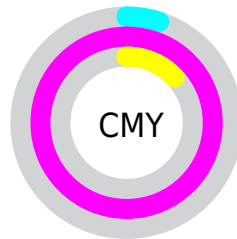
- Red (95%)
- Green (0%)
- Blue (87%)



- Red (95%)
- Yellow (0%)
- Blue (87%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F200DE 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 F200DE by changing the saturation by 10% instead.



 F200DE

 F200DE

FFFFFF

 D300C2

 FF65FF

 B500A6

 FF86FF

 97008B

 FFA5FF

 790071

 FFC4FF

 5C0058

 FFE3FF

 400040

 220028

 000112

 000000

 F200DE

 F218E0

 F230E2

 F249E4

 F261E6

 F279E8

 F291EA

 F2A9EC

 F2C2EE

 F2DAF0

# Harmonies

## Analogous

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



776AFF



F200DE



FF0086

# Triad

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



F200DE



9F8600



00AAE5

# Complementary

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



F200DE



00F214

# 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.



00A98A



F200DE



399B00

# Square

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



F200DE



E55D00



00A524



00A5FF

# Rectangle

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



F200DE



FF004B



00A524



00AAC9



# Sweetspot

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



F200DE



FFB3F9



1000F2



80527C



000000



808080



# Same Dimension

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



F200DE



FF00EA



F20069



786C77



B800A8



380033



# Inverse Universe

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



F200DE



FF00EA



00F289



786C77



B800A8



380033



# Previews

## White Background



This preview shows how the Hex color F200DE looks on a white background.

## Color Contrast Check

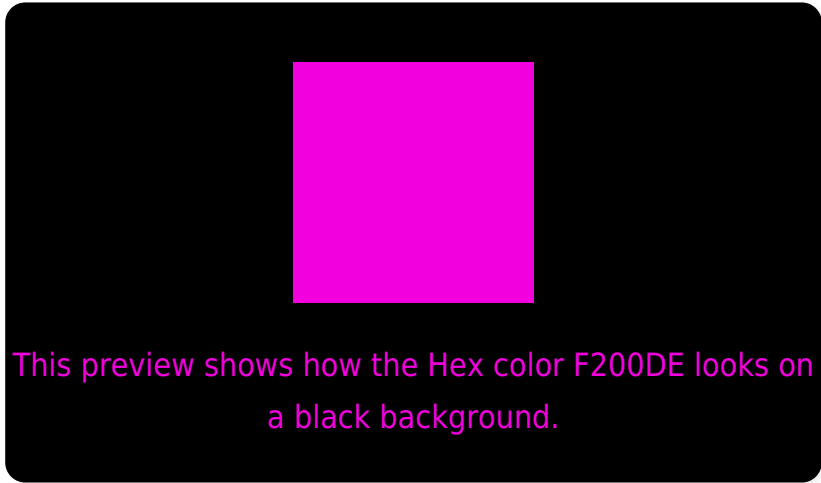
Large Text (above 18pt) WCAG AA ✓ Pass

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 F200DE Background



This preview shows how black text looks on a background with the Hex color F200DE.



This preview shows how white text looks on a background with the Hex color F200DE.

# 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**  
F200DE



**Protanomaly**  
8354F3



**Deuteranomaly**  
9857D5



**Tritanomaly**  
EA378C

# Monochromacy



**Original Color**  
F200DE



**Achromatopsia**  
626262



**Achromatomaly**  
963E8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F200DE 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 #F200DE looks like.

```
.text, #text, p{  
    color:#F200DE  
}
```

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 #F200DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F200DE
}
```

## Border

The CSS property to change the border of an element to Hex F200DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

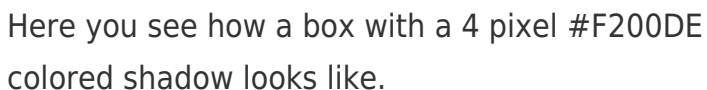
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F200DE }
```

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

```
.border{ border-color:#F200DE }
```

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



Here you see how a box with a 4 pixel #F200DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F200DE; -webkit-box-shadow:4px 4px  
4px 4px #F200DE; box-shadow:4px 4px 4px  
4px #F200DE }
```

# Background

The CSS property to change the background color of an element to Hex F200DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F200DE }
```

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

```
.background{ background-color:#F200DE }
```

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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