

Converting Colors

Hex(F500DA)

Have a look what the booklet for
Hex(F500DA) contains.

Hex(F500DA)	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(F500DA)

Conversions

Conversions Part 1

Format	Color
Hex	F500DA
RGB	245, 0, 218
RGB Percent	96%, 0%, 85%
CMY	0.0392, 1.0000, 0.1451
CMYK	0.00, 1.00, 0.11, 0.04
HSL	307°, 100%, 48%
HSV	307°, 100%, 96%
XYZ	50.3111, 24.4744, 68.4020
YIQ	98.1070, 76.0420, 119.7380

Conversions

Conversions Part 2

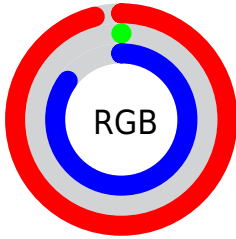
Format	Color
R_{YB}	245, 0, 218
Decimal	16056538
CIE _{Lab}	56.56, 91.71, -46.19
CIE _{LCh}	57, 102.680, 333.268
Yxy	24.4744, 0.3514, 0.1709
Android (android.graphics.Color)	4294246618 (0xFFFF500DA)
YUV	98.1070, 59.1072, 128.8252
Hunter-Lab	49.4716, 94.9534, -47.3472

Details

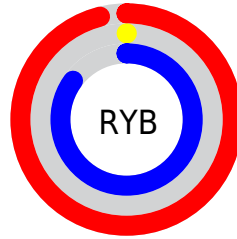
The Hex color **F500DA** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **00F51B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF66FF**, and **B800A2** is the 20% darker color. If you saturate the color by 10%, you get **F500DA**, and if you desaturate by 10%, it is **F518DD**.

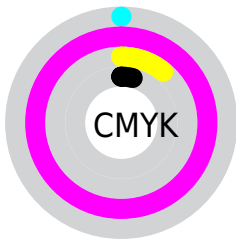
Distribution



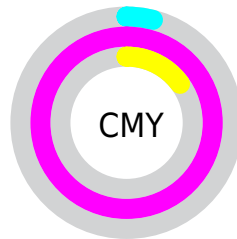
- Red (96%)
- Green (0%)
- Blue (85%)



- Red (96%)
- Yellow (0%)
- Blue (85%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color F500DA 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 F500DA by changing the saturation by 10% instead.

 F500DA

 F500DA

FFFFFF

 D600BE

 FF66FF

 B800A2

 FF86FF

 9A0088

 FFA5FF

 7C006E

 FFC4FF

 5F0055

 FFE3FF

 42003D

 240026

 00010E

 000000

 F500DA

 F518DD

 F531DF

 F54AE2

 F562E5

 F57BE8

 F593EA

 F5ABED

 F5C4F0

 F5DDF2

Harmonies

Analogous

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



8369FF



F500DA



FF0082

Triad

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



F500DA



9D8800



00ABE9

Complementary

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



F500DA



00F51B

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.



00AA90



F500DA



359D00

Square

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



F500DA



E26100



00A62C



00A5FF

Rectangle

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



F500DA



FF0048



00A62C



00ABCD

Sweetspot

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



F500DA



FFB3F7



1800F5



80527A



000000



808080

Same Dimension

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



F500DA



FF00E3



F50062



7A6E79



BA00A6



3B0034

Inverse Universe

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



F500DA



FF00E3



00F593



7A6E79



BA00A6



3B0034

Previews

White Background



This preview shows how the Hex color F500DA looks on a white background.

Color Contrast Check

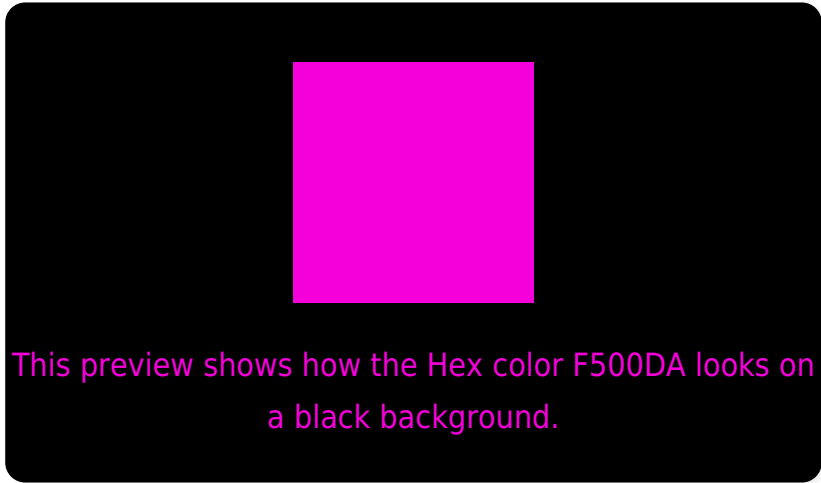
Large Text (above 18pt) WCAG AA ✓ Pass

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 F500DA Background



This preview shows how black text looks on a background with the Hex color F500DA.

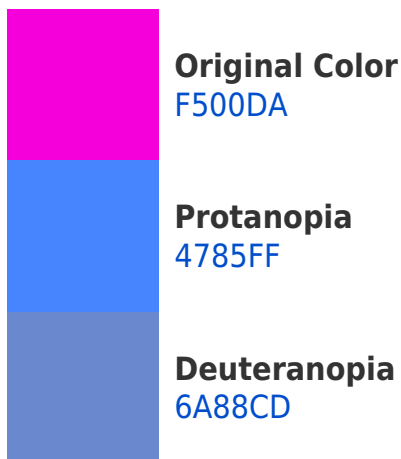


This preview shows how white text looks on a background with the Hex color F500DA.

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
E9565B

Trichromacy



Original Color
F500DA



Protanomaly
8655F2



Deuteranomaly
9D57D2



Tritanomaly
ED3789

Monochromacy



Original Color
F500DA



Achromatopsia
626262



Achromatomaly
973E8E

CSS Examples

Text

The CSS property to change the color of the text to Hex F500DA 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 #F500DA looks like.

```
.text, #text, p{  
    color:#F500DA  
}
```

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 #F500DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F500DA
}
```

Border

The CSS property to change the border of an element to Hex F500DA 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
#F500DA }
```

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

```
.border{ border-color:#F500DA }
```

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

Here you see how a box with a 4 pixel #F500DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F500DA; -webkit-box-shadow:4px 4px  
4px 4px #F500DA; box-shadow:4px 4px 4px  
4px #F500DA }
```

Background

The CSS property to change the background color of an element to Hex F500DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F500DA }
```

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

```
.background{ background-color:#F500DA }
```

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