

# Converting Colors

Hex(F500D6)

Have a look what the booklet for  
Hex(F500D6) contains.

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**Color**

**Hex(F500D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F500D6
RGB	245, 0, 214
RGB Percent	96%, 0%, 84%
CMY	0.0392, 1.0000, 0.1608
CMYK	0.00, 1.00, 0.13, 0.04
HSL	308°, 100%, 48%
HSV	308°, 100%, 96%
XYZ	49.7938, 24.2675, 65.6780
YIQ	97.6510, 77.3260, 118.4940

# Conversions

## Conversions Part 2

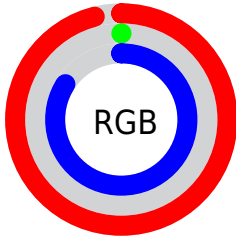
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">245, 0, 214</a>
Decimal	<a href="#">16056534</a>
CIELab	<a href="#">56.35, 91.20, -44.24</a>
CIELCh	<a href="#">56, 101.361, 334.124</a>
Yxy	<a href="#">24.2675, 0.3563, 0.1737</a>
Android (android.graphics.Color)	<a href="#">4294246614</a> ( <a href="#">0xFFFF500D6</a> )
YUV	<a href="#">97.6510, 57.3601, 129.2251</a>
Hunter-Lab	<a href="#">49.2621, 94.2180, -44.5642</a>

# Details

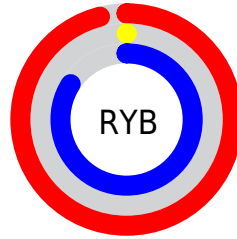
The Hex color **F500D6** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **00F51F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF65FF**, and **B8009F** is the 20% darker color. If you saturate the color by 10%, you get **F500D6**, and if you desaturate by 10%, it is **F518D9**.

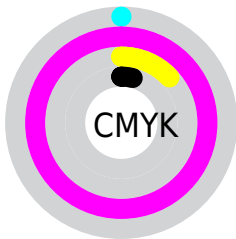
# Distribution



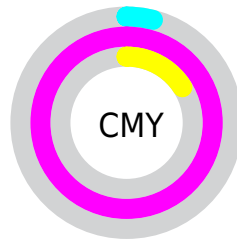
- Red (96%)
- Green (0%)
- Blue (84%)



- Red (96%)
- Yellow (0%)
- Blue (84%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F500D6 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 F500D6 by changing the saturation by 10% instead.



 F500D6

 F500D6

FFFFFF

 D600BA

 FF65FF

 B8009F

 FF86FF

 9A0084

 FFA5FF

 7C006A

 FFC4FF

 5F0051

 FFE3FF

 42003A

 240023

 000008

 000000

 F500D6

 F518D9

 F531DC

 F54ADF

 F562E2

 F57BE5

 F593E9

 F5ABEC

 F5C4EF

 F5DDF2

# Harmonies

## Analogous

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



8868FF



F500D6



FF007F

# Triad

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



F500D6



9A8800



00AAE9

# Complementary

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



F500D6



00F51F

# 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.



00A992



F500D6



319C00

# Square

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



F500D6



DF6200



00A630



00A4FF

# Rectangle

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



F500D6



FF0046



00A630



00AACE



# Sweetspot

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



F500D6



FFB3F5



1D00F5



80527A



000000



808080



# Same Dimension

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



F500D6



FF00DF



F5005E



7A6E79



BA00A3



3B0033



# Inverse Universe

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



F500D6



FF00DF



00F597



7A6E79



BA00A3



3B0033



# Previews

## White Background



This preview shows how the Hex color F500D6 looks on a white background.

## Color Contrast Check

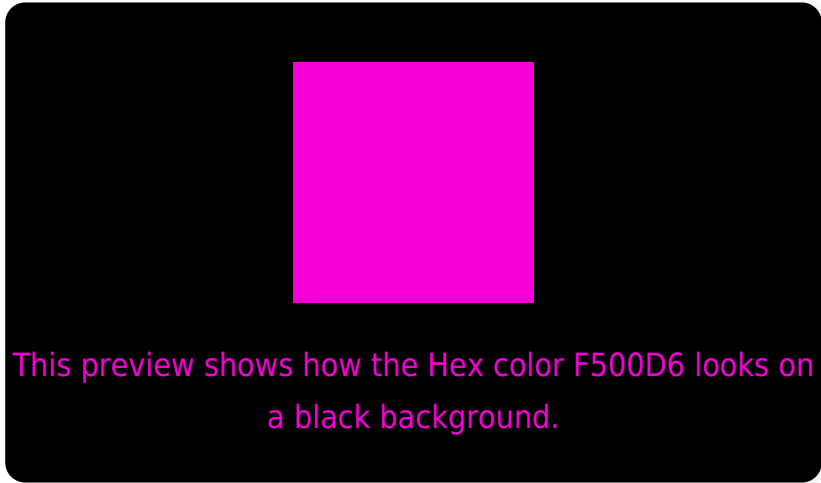
Large Text (above 18pt) WCAG AA ✓ Pass

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 F500D6 Background



This preview shows how black text looks on a background with the Hex color F500D6.



This preview shows how white text looks on a background with the Hex color F500D6.

# 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**  
F500D6



**Protanomaly**  
8655F0



**Deuteranomaly**  
9E56CE



**Tritanomaly**  
EE3586

# Monochromacy



**Original Color**  
F500D6



**Achromatopsia**  
626262



**Achromatomaly**  
973E8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F500D6 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 #F500D6 looks like.

```
.text, #text, p{  
    color:#F500D6  
}
```

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 #F500D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F500D6
}
```

## Border

The CSS property to change the border of an element to Hex F500D6 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
#F500D6 }
```

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

```
.border{ border-color:#F500D6 }
```

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

Here you see how a box with a 4 pixel #F500D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F500D6; -webkit-box-shadow:4px 4px  
4px 4px #F500D6; box-shadow:4px 4px 4px  
4px #F500D6 }
```

# Background

The CSS property to change the background color of an element to Hex F500D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F500D6 }
```

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

```
.background{ background-color:#F500D6 }
```

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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