

Converting Colors

Hex(F500A7)

Have a look what the booklet for
Hex(F500A7) contains.

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Color

Hex(F500A7)

Conversions

Conversions Part 1

Format	Color
Hex	F500A7
RGB	245, 0, 167
RGB Percent	96%, 0%, 65%
CMY	0.0392, 1.0000, 0.3451
CMYK	0.00, 1.00, 0.32, 0.04
HSL	319°, 100%, 48%
HSV	319°, 100%, 96%
XYZ	44.6312, 22.2025, 38.4924
YIQ	92.2930, 92.4130, 103.8770

Conversions

Conversions Part 2

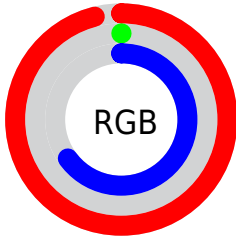
Format	Color
RYB	245, 0, 167
Decimal	16056487
CIELab	54.24, 85.87, -20.31
CIELCh	54, 88.236, 346.691
Yxy	22.2025, 0.4237, 0.2108
Android (android.graphics.Color)	4294246567 (0xFFFF500A7)
YUV	92.2930, 36.8306, 133.9240
Hunter-Lab	47.1195, 86.6146, -15.4509

Details

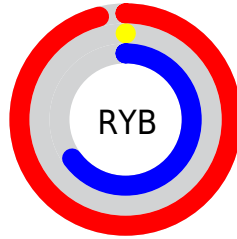
The Hex color **F500A7** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **00F54E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF63DE**, and **B70073** is the 20% darker color. If you saturate the color by 10%, you get **F500A7**, and if you desaturate by 10%, it is **F518AF**.

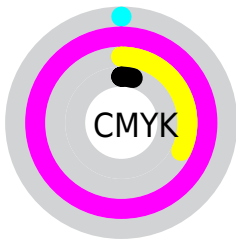
Distribution



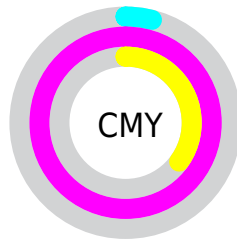
- Red (96%)
- Green (0%)
- Blue (65%)



- Red (96%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color F500A7 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 F500A7 by changing the saturation by 10% instead.

 F500A7

 F500A7

FFFFFF

 D6008D

 FF63DE

 B70073

 FF83FB

 99005A

 FFA2FF

 7A0043

 FFC1FF

 5D002C

 FFDFFF

 400017

FFFEFF

 200001

 000000

 F500A7

 F518AF

 F531B7

 F54ABE

 F562C6

 F57BCE

 F593D6

 F5ABDE

 F5C4E5

 F5DDED

Harmonies

Analogous

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



B653EC



F500A7



FF005B

Triad

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



F500A7



768B00



009FF1

Complementary

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



F500A7



00F54E

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.



00A1AC



F500A7



009900

Square

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



F500A7



B97200



009F5C



0095FF

Rectangle

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



F500A7



F6342A



009F5C



00A1DC

Sweetspot

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



F500A7



FFB3E7



4E00F5



805271



000000



808080

Same Dimension

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



F500A7



FF00AE



F5002D



7A6E77



BA007F



3B0028

Inverse Universe

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



F500A7



FF00AE



00F5C8



7A6E77



BA007F



3B0028

Previews

White Background



This preview shows how the Hex color F500A7 looks on a white background.

Color Contrast Check

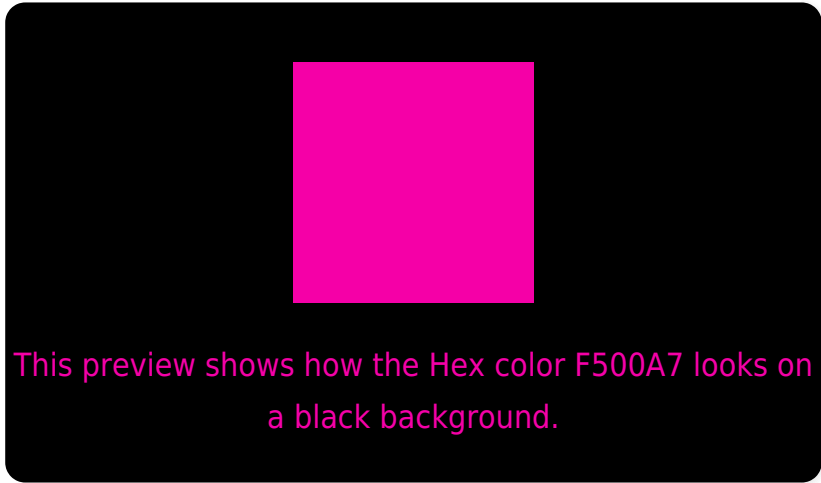
Large Text (above 18pt) WCAG AA ✓ Pass

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 F500A7 Background



This preview shows how black text looks on a background with the Hex color F500A7.

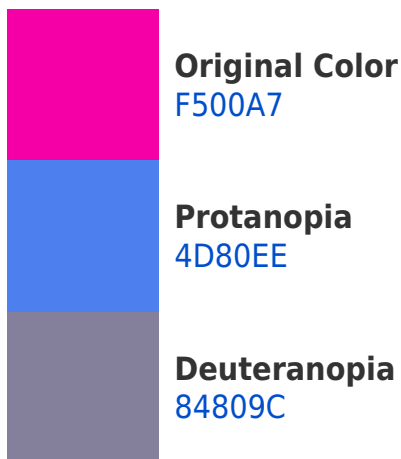


This preview shows how white text looks on a background with the Hex color F500A7.

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
F500A7



Protanomaly
8A51D4



Deuteranomaly
AD51A0



Tritanomaly
F12A69

Monochromacy



Original Color
F500A7



Achromatopsia
5C5C5C



Achromatomaly
943B77

CSS Examples

Text

The CSS property to change the color of the text to Hex F500A7 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 #F500A7 looks like.

```
.text, #text, p{  
    color:#F500A7  
}
```

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 #F500A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F500A7
}
```

Border

The CSS property to change the border of an element to Hex F500A7 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
#F500A7 }
```

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

```
.border{ border-color:#F500A7 }
```

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

Here you see how a box with a 4 pixel #F500A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F500A7; -webkit-box-shadow:4px 4px  
4px 4px #F500A7; box-shadow:4px 4px 4px  
4px #F500A7 }
```

Background

The CSS property to change the background color of an element to Hex F500A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F500A7 }
```

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

```
.background{ background-color:#F500A7 }
```

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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