

# Converting Colors

Hex(F506A7)

Have a look what the booklet for  
Hex(F506A7) contains.

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**Color**

**Hex(F506A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F506A7
RGB	245, 6, 167
RGB Percent	96%, 2%, 65%
CMY	0.0392, 0.9765, 0.3451
CMYK	0.00, 0.98, 0.32, 0.04
HSL	320°, 95%, 49%
HSV	320°, 98%, 96%
XYZ	44.6964, 22.3327, 38.5141
YIQ	95.8150, 90.7630, 100.7390

# Conversions

## Conversions Part 2

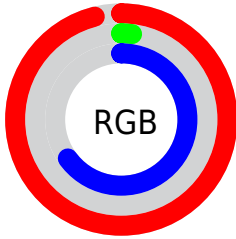
<b>Format</b>	<b>Color</b>
<b>RYB</b>	245, 6, 167
Decimal	16058023
CIELab	54.38, 85.46, -20.10
CIElCh	54, 87.797, 346.764
Yxy	22.3327, 0.4235, 0.2116
Android (android.graphics.Color)	4294248103 (0xFFFF506A7)
YUV	95.8150, 35.0942, 130.8352
Hunter-Lab	47.2575, 86.1253, -15.2401

# Details

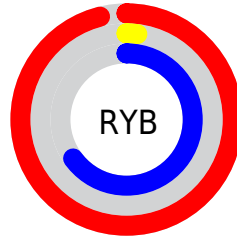
The Hex color **F506A7** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **06F554**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF64DE**, and **B70073** is the 20% darker color. If you saturate the color by 10%, you get **F500A5**, and if you desaturate by 10%, it is **F51FAF**.

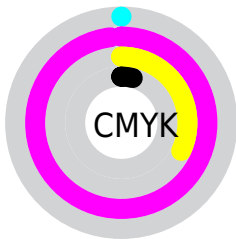
# Distribution



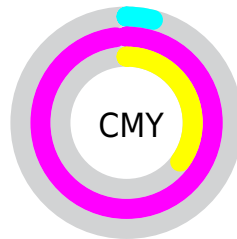
- Red (96%)
- Green (2%)
- Blue (65%)



- Red (96%)
- Yellow (2%)
- Blue (65%)



- Cyan (0%)
- Magenta (98%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (98%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F506A7 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 F506A7 by changing the saturation by 10% instead.



 F506A7

 F506A7

FFFFFF

 D6008D

 FF64DE

 B70073

 FF84FB

 99005A

 FFA3FF

 7A0043

 FFC2FF

 5D002C

 FFE0FF

 400017

 200001

 000000

 F506A7

 F506A7

 F500A5

 F51FAF

 F537B7

 F550BF

 F568C7

 F581CF

 F599D7

 F5B2DF

 F5CAE7

 F5E3EF

# Harmonies

## Analogous

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



B753EC



F506A7



FF005C

# Triad

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



F506A7



778C00



009FF1

# Complementary

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



F506A7



06F554

# 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.



00A2AC



F506A7



009900

# Square

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



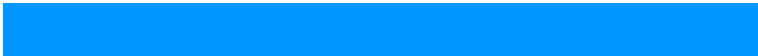
F506A7



B97200



009F5C



0095FF

# Rectangle

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



F506A7



F6362A



009F5C



00A1DC



# Sweetspot

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



F506A7



FFB5E7



5206F5



805371



000000



808080



# Same Dimension

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



F506A7



FF00AC



F50632



7A6E76



BA007D



3B0028



# Inverse Universe

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



F506A7



FF00AC



06F5C9



7A6E76



BA007D



3B0028



# Previews

## White Background



This preview shows how the Hex color F506A7 looks on a white background.

## Color Contrast Check

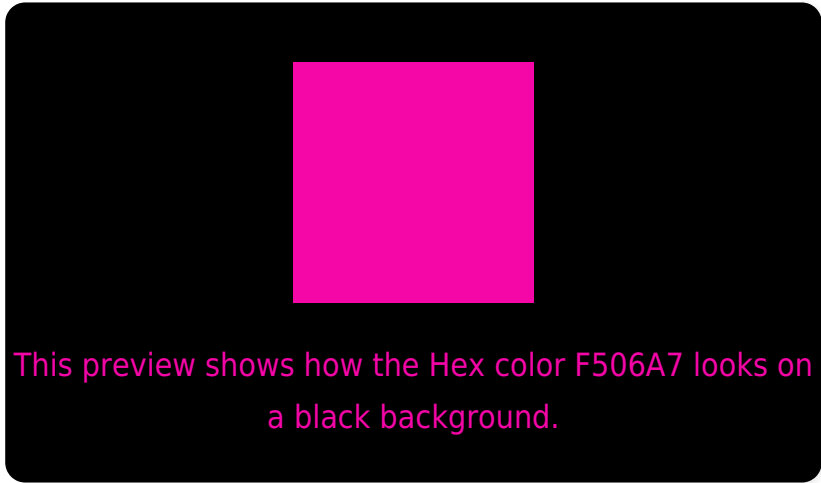
Large Text (above 18pt) WCAG AA ✓ Pass

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 F506A7 Background



This preview shows how black text looks on a background with the Hex color F506A7.



This preview shows how white text looks on a background with the Hex color F506A7.

# 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**  
F506A7



**Protanomaly**  
8A54D4



**Deuteranomaly**  
AD54A0

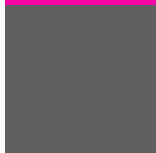


**Tritanomaly**  
F12C69

# Monochromacy



**Original Color**  
F506A7



**Achromatopsia**  
606060



**Achromatomaly**  
963F7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F506A7 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 #F506A7 looks like.

```
.text, #text, p{  
    color:#F506A7  
}
```

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 #F506A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F506A7
}
```

## Border

The CSS property to change the border of an element to Hex F506A7 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
#F506A7 }
```

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

```
.border{ border-color:#F506A7 }
```

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

Here you see how a box with a 4 pixel #F506A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F506A7; -webkit-box-shadow:4px 4px  
4px 4px #F506A7; box-shadow:4px 4px 4px  
4px #F506A7 }
```

# Background

The CSS property to change the background color of an element to Hex F506A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F506A7 }
```

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

```
.background{ background-color:#F506A7 }
```

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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