

# Converting Colors

Hex(F74AC8)

Have a look what the booklet for  
Hex(F74AC8) contains.

<b>Hex(F74AC8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(F74AC8)

# Conversions

## Conversions Part 1

Format	Color
Hex	F74AC8
RGB	247, 74, 200
RGB Percent	97%, 29%, 78%
CMY	0.0314, 0.7098, 0.2157
CMYK	0.00, 0.70, 0.19, 0.03
HSL	316°, 92%, 63%
HSV	316°, 70%, 97%
XYZ	51.2319, 28.8418, 57.5104
YIQ	140.0910, 62.6620, 75.8620

# Conversions

## Conversions Part 2

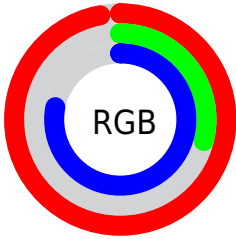
Format	Color
<a href="#">RYB</a>	<a href="#">247, 74, 200</a>
Decimal	<a href="#">16206536</a>
CIELab	<a href="#">60.64, 76.56, -29.53</a>
CIElCh	<a href="#">61, 82.059, 338.910</a>
Yxy	<a href="#">28.8418, 0.3724, 0.2096</a>
Android (android.graphics.Color)	<a href="#">4294396616</a> <a href="#">(0xFFFF74AC8)</a>
YUV	<a href="#">140.0910, 29.5351, 93.7592</a>
Hunter-Lab	<a href="#">53.7046, 76.2982, -25.8984</a>

# Details

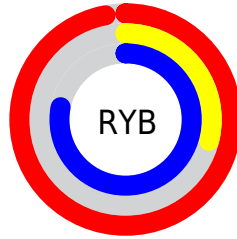
The Hex color **F74AC8** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **4AF779**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF87FF**, and **BB0092** is the 20% darker color. If you saturate the color by 10%, you get **F731C1**, and if you desaturate by 10%, it is **F763CF**.

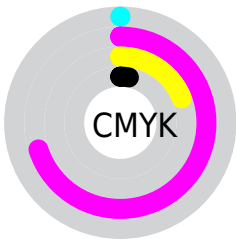
# Distribution



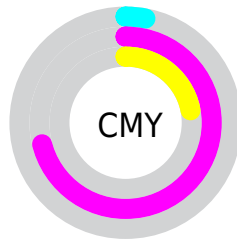
- Red (97%)
- Green (29%)
- Blue (78%)



- Red (97%)
- Yellow (29%)
- Blue (78%)



- Cyan (0%)
- Magenta (70%)
- Yellow (19%)
- Black (3%)



- Cyan (3%)
- Magenta (71%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F74AC8 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 F74AC8 by changing the saturation by 10% instead.



 F74AC8

 F74AC8

FFFFFF

 D924AC

 FF87FF

 BB0092

 FFA5FF

 9D0078

 FFC3FF

 80005F

 FFE1FF

 630047

 490030

 2B001A

 000000

 F74AC8

 F74AC8

 F731C1

 F763CF

 F719BB

 F77BD5

 F700B4

 F794DC

 F7ADE3

 F7C5EA

 F7DEF0

 F7F7F7

 F7FFFE

 F7FFFF

# Harmonies

## Analogous

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



AD74FF



F74AC8



FF3780

# Triad

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



F74AC8



9D9600



00B0EC

# Complementary

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



F74AC8



4AF779

# 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.



00B2A7



F74AC8



4AA600

# Square

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



F74AC8



D97B00



00AF5B



00A8FF

# Rectangle

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



F74AC8



FF4951



00AF5B



00B1D7



# Sweetspot

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



F74AC8



FFC9F0



784AF7



806077



000000



808080



# Same Dimension

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



F74AC8



FF29C5



F74A72



7A6E77



BA0088



3B002B



# Inverse Universe

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



F74AC8



FF29C5



4AF7CF



7A6E77



BA0088

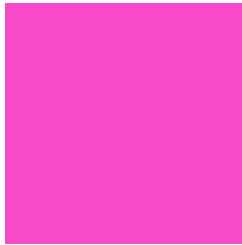


3B002B



# Previews

## White Background



This preview shows how the Hex color F74AC8 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 F74AC8 Background



This preview shows how black text looks on a background with the Hex color F74AC8.




This preview shows how white text looks on a background with the Hex color F74AC8.

# 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**  
EF656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F74AC8 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 #F74AC8 looks like.

```
.text, #text, p{  
  color:#F74AC8  
}
```

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 #F74AC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F74AC8
}
```

## Border

The CSS property to change the border of an element to Hex F74AC8 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
#F74AC8 }
```

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

```
.border{ border-color:#F74AC8 }
```

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

Here you see how a box with a 4 pixel #F74AC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F74AC8; -webkit-box-shadow:4px 4px  
4px 4px #F74AC8; box-shadow:4px 4px 4px  
4px #F74AC8 }
```

# Background

The CSS property to change the background color of an element to Hex F74AC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F74AC8 }
```

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

```
.background{ background-color:#F74AC8 }
```

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