

# Converting Colors

Hex(F945AE)

Have a look what the booklet for  
Hex(F945AE) contains.

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# Color

Hex(F945AE)

# Conversions

## Conversions Part 1

Format	Color
Hex	F945AE
RGB	249, 69, 174
RGB Percent	98%, 27%, 68%
CMY	0.0235, 0.7294, 0.3176
CMYK	0.00, 0.72, 0.30, 0.02
HSL	325°, 94%, 62%
HSV	325°, 72%, 98%
XYZ	48.8350, 27.4520, 42.7693
YIQ	134.7900, 73.5750, 70.8150

# Conversions

## Conversions Part 2

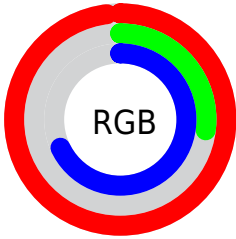
Format	Color
R <sub>Y</sub> B	249, 69, 174
Decimal	16336302
CIE Lab	59.39, 75.51, -16.49
CIE LCh	59, 77.289, 347.682
Yxy	27.4520, 0.4102, 0.2306
Android (android.graphics.Color)	4294526382 (0xFFFF945AE)
YUV	134.7900, 19.3305, 100.1622
Hunter-Lab	52.3946, 74.6824, -11.7217

# Details

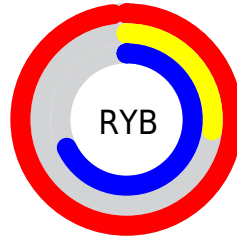
The Hex color **F945AE** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **45F990**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF83E6**, and **BC007A** is the 20% darker color. If you saturate the color by 10%, you get **F92CA4**, and if you desaturate by 10%, it is **F95EB8**.

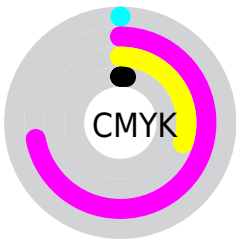
# Distribution



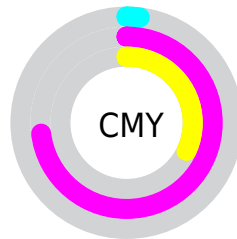
- Red (98%)
- Green (27%)
- Blue (68%)



- Red (98%)
- Yellow (27%)
- Blue (68%)



- Cyan (0%)
- Magenta (72%)
- Yellow (30%)
- Black (2%)



- Cyan (2%)
- Magenta (73%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F945AE 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 F945AE by changing the saturation by 10% instead.



 F945AE

 F945AE

FFFFFF

 DA1D93

 FF83E6

 BC007A

 FFA1FF

 9E0061

 FFBEFF

 800049

 FFDCFF

 630032

 FFFBFF

 48001E

 2A0001

 000000

 F945AE

 F945AE

 F92CA4

 F95EB8

 F91399

 F977C3

 F90091

 F990CD

 F9A9D7

 F9C2E2

 F9DAEC

 F9F3F7

 F9FFFF

# Harmonies

## Analogous

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



C368EC



F945AE



FF426A

# Triad

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



F945AE



879800



00AAF3

# Complementary

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



F945AE



45F990

# 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.



00ADB6



F945AE



26A527

# Square

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



F945AE



C38200



00AB70



009FFF

# Rectangle

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



F945AE



FA563F



00AB70



00ACE1



# Sweetspot

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



F945AE



FFC7E8



9045F9



805E72



000000



808080



# Same Dimension

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



F945AE



FF21A3



F94554



7D7078



BD006E



3D0024



# Inverse Universe

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



F945AE



FF21A3



45F9EA



7D7078



BD006E

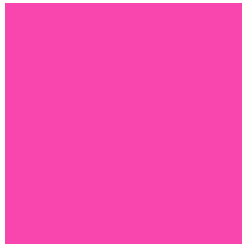


3D0024



# Previews

## White Background



This preview shows how the Hex color F945AE looks on a white background.

## Color Contrast Check

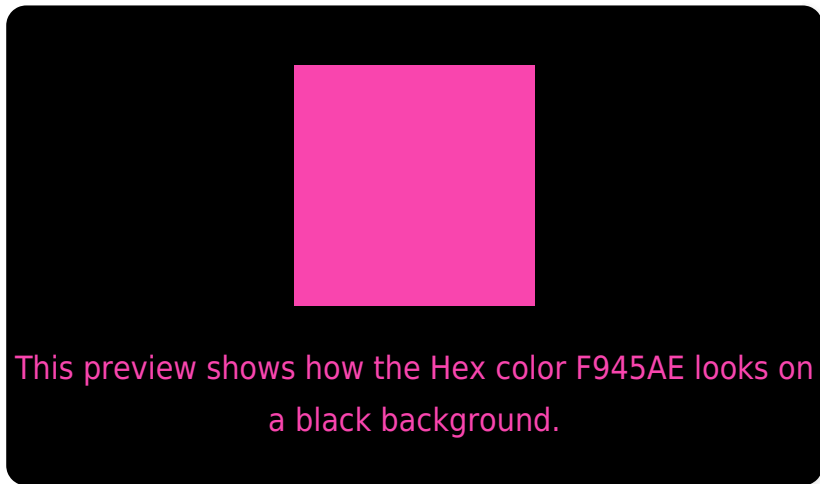
Large Text (above 18pt) WCAG AA ✓ Pass

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 F945AE Background



This preview shows how black text looks on a background with the Hex color F945AE.



This preview shows how white text looks on a background with the Hex color F945AE.

# 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



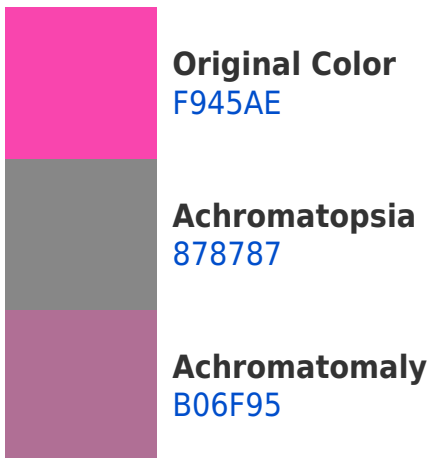


**Tritanopia**  
F35B60

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F945AE 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 #F945AE looks like.

```
.text, #text, p{  
  color:#F945AE  
}
```

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 #F945AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F945AE
}
```

## Border

The CSS property to change the border of an element to Hex F945AE 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
#F945AE }
```

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

```
.border{ border-color:#F945AE }
```

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

Here you see how a box with a 4 pixel #F945AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F945AE; -webkit-box-shadow:4px 4px  
4px 4px #F945AE; box-shadow:4px 4px 4px  
4px #F945AE }
```

# Background

The CSS property to change the background color of an element to Hex F945AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F945AE }
```

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

```
.background{ background-color:#F945AE }
```

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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