

# Converting Colors

Hex(F2AAF4)

Have a look what the booklet for  
Hex(F2AAF4) contains.

<b>Hex(F2AAF4)</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(F2AAF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2AAF4
RGB	242, 170, 244
RGB Percent	95%, 67%, 96%
CMY	0.0510, 0.3333, 0.0431
CMYK	0.01, 0.30, 0.00, 0.04
HSL	298°, 77%, 81%
HSV	298°, 30%, 96%
XYZ	67.3218, 54.1583, 92.4933
YIQ	199.9640, 19.1580, 38.2780

# Conversions

## Conversions Part 2

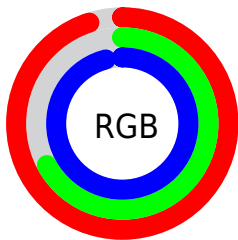
Format	Color
R <sub>Y</sub> B	242, 170, 244
Decimal	15903476
CIE Lab	78.55, 38.14, -26.39
CIE LCh	79, 46.380, 325.319
Yxy	54.1583, 0.3146, 0.2531
Android (android.graphics.Color)	4294093556 (0xFFF2AAF4)
YUV	199.9640, 21.7097, 36.8656
Hunter-Lab	73.5924, 34.5040, -23.0030

# Details

The Hex color **F2AAF4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ACF4AA**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFE2FF**, and **B975BC** is the 20% darker color. If you saturate the color by 10%, you get **F192F4**, and if you desaturate by 10%, it is **F3C2F4**.

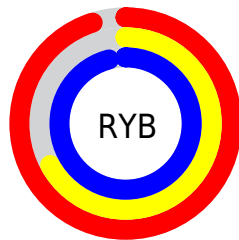
# Distribution



Red (95%)

Green (67%)

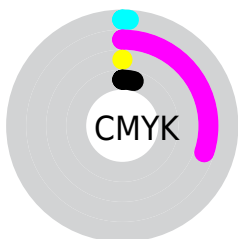
Blue (96%)



Red (95%)

Yellow (67%)

Blue (96%)

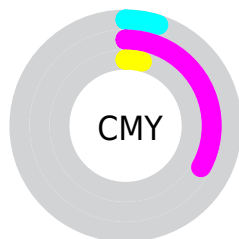


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (5%)

Magenta (33%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2AAF4 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 F2AAF4 by changing the saturation by 10% instead.



 F2AAF4

 F2AAF4

FFFFFF

 D58FD7

 FFE2FF

 B975BC

 9D5BA0

 824286

 68296D

 4F0F54

 36003D

 220027

 00010F

 F2AAF4

 F2AAF4

 F192F4

 F3C2F4

 F179F4

 F3DBF4

 F061F4

 F4F3F4

 EF48F4

 F5FFF4

 EF30F4

 F6FFF4

 EE18F4

 F7FFF4

 ED00F4

 F8FFF4

# Harmonies

## Analogous

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



BDBAFF



F2AAF4



FFA0CB

# Triad

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



F2AAF4



E4BE6B



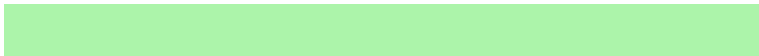
00D9E6

# Complementary

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



F2AAF4



ACF4AA

# 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.



43D9BA



F2AAF4



B9CB72

# Square

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



F2AAF4



FFAE7D



86D490



00D3FF

# Rectangle

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



F2AAF4



FFA0AE



86D490



00D9D8



# Sweetspot

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



F2AAF4



FEE8FF



AAACF4



7F7180



000000



808080



# Same Dimension

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



F2AAF4



FDA3FF



F4AAD1



7A6E7A



B500BA



39003B



# Inverse Universe

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



F4AAAC



FFA3A6



AAF4CD



7A6E6E



BA0005



3B0002



# Previews

## White Background



This preview shows how the Hex color F2AAF4 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F2AAF4 Background



This preview shows how black text looks on a background with the Hex color F2AAF4.

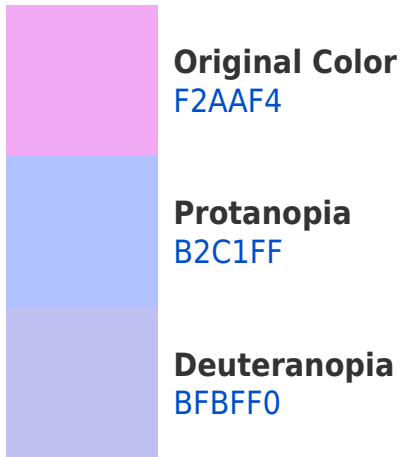


This preview shows how white text looks on a background with the Hex color F2AAF4.

# 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**  
EBB4C2

# Trichromacy



**Original Color**  
F2AAF4



**Protanomaly**  
C9B9FB



**Deuteranomaly**  
D2B7F1

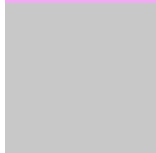


**Tritanomaly**  
EEB0D4

# Monochromacy



**Original Color**  
F2AAF4



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
D7BDD8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2AAF4 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 #F2AAF4 looks like.

```
.text, #text, p{  
    color:#F2AAF4  
}
```

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 #F2AAF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2AAF4
}
```

## Border

The CSS property to change the border of an element to Hex F2AAF4 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
#F2AAF4 }
```

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

```
.border{ border-color:#F2AAF4 }
```

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

Here you see how a box with a 4 pixel #F2AAF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2AAF4; -webkit-box-shadow:4px 4px  
4px 4px #F2AAF4; box-shadow:4px 4px 4px  
4px #F2AAF4 }
```

# Background

The CSS property to change the background color of an element to Hex F2AAF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2AAF4 }
```

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

```
.background{ background-color:#F2AAF4 }
```

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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