

# Converting Colors

Hex(F25EAF)

Have a look what the booklet for  
Hex(F25EAF) contains.

<b>Hex(F25EAF)</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(F25EAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F25EAF
RGB	242, 94, 175
RGB Percent	95%, 37%, 69%
CMY	0.0510, 0.6314, 0.3137
CMYK	0.00, 0.61, 0.28, 0.05
HSL	327°, 85%, 66%
HSV	327°, 61%, 95%
XYZ	48.3585, 29.9778, 43.7950
YIQ	147.4860, 62.2070, 56.5670

# Conversions

## Conversions Part 2

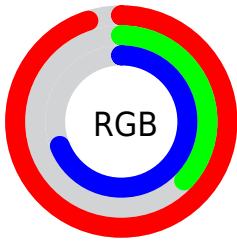
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 94, 175
Decimal	15883951
CIE <sub>Lab</sub>	61.64, 64.53, -13.78
CIE <sub>LCh</sub>	62, 65.982, 347.945
Yxy	29.9778, 0.3960, 0.2455
Android (android.graphics.Color)	4294074031 (0xFFFF25EAF)
YUV	147.4860, 13.5644, 82.8888
Hunter-Lab	54.7520, 61.8403, -9.0984

# Details

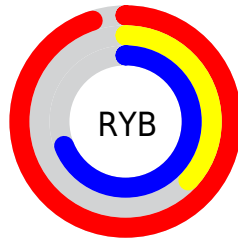
The Hex color **F25EAF** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **5EF2A1**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF97E7**, and **B61D7B** is the 20% darker color. If you saturate the color by 10%, you get **F246A4**, and if you desaturate by 10%, it is **F276BA**.

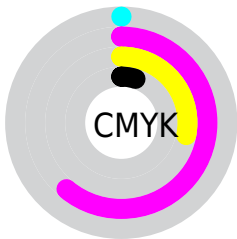
# Distribution



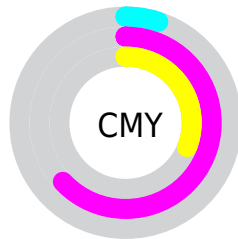
- Red (95%)
- Green (37%)
- Blue (69%)



- Red (95%)
- Yellow (37%)
- Blue (69%)



- Cyan (0%)
- Magenta (61%)
- Yellow (28%)
- Black (5%)



- Cyan (5%)
- Magenta (63%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F25EAF 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 F25EAF by changing the saturation by 10% instead.



 F25EAF

 F25EAF

FFFFFF

 D44094

 FF97E7

 B61D7B

 FFB4FF

 990062

 FFD1FF

 7C004A

 FFEFFF

 600033

 45001E

 290001

 000000

 F25EAF

 F25EAF

 F246A4

 F276BA

 F22E99

 F28EC5

 F2158E

 F2A7D0

 F20084

 F2BFDB

 F2D7E6

 F2EFF1

 F2FFFC

 F2FFFF

# Harmonies

## Analogous

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



C375E4



F25EAF



FD5C74

# Triad

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



F25EAF



909D0C



00ADEB

# Complementary

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



F25EAF



5EF2A1

# 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.



00B0B7



F25EAF



48A941

# Square

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



F25EAF



C58A0F



00AF7A



00A2FF

# Rectangle

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



F25EAF



F46950



00AF7A



00AFDB



# Sweetspot

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



F25EAF



FFD1EA



A15EF2



806373



000000



808080



# Same Dimension

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



F25EAF



FF45AB



F25E65



786C72



B80064



38001F



# Inverse Universe

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



F25EAF



FF45AB



5EF2EB



786C72



B80064



38001F



# Previews

## White Background



This preview shows how the Hex color F25EAF looks on a white background.

## Color Contrast Check

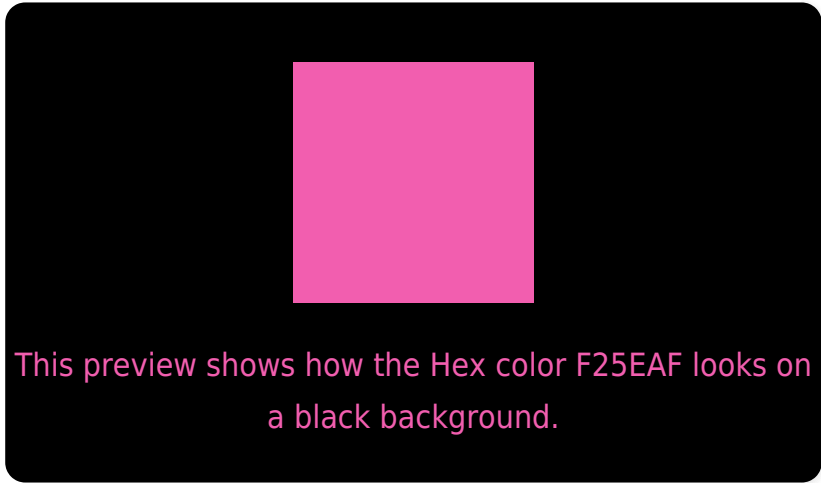
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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



## Hex F25EAF Background



This preview shows how black text looks on a background with the Hex color F25EAF.

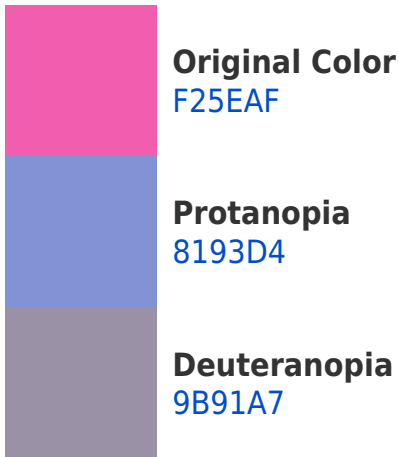



This preview shows how white text looks on a background with the Hex color F25EAF.

# 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**  
ED6C73

# Trichromacy



**Original Color**  
F25EAF



**Protanomaly**  
AA80C7



**Deuteranomaly**  
BB7EAA

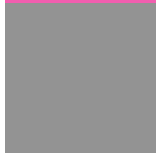


**Tritanomaly**  
EF6789

# Monochromacy



**Original Color**  
F25EAF



**Achromatopsia**  
939393



**Achromatomaly**  
B6809D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F25EAF 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 #F25EAF looks like.

```
.text, #text, p{  
    color:#F25EAF  
}
```

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 #F25EAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F25EAF
}
```

## Border

The CSS property to change the border of an element to Hex F25EAF 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
#F25EAF }
```

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

```
.border{ border-color:#F25EAF }
```

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

Here you see how a box with a 4 pixel #F25EAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F25EAF; -webkit-box-shadow:4px 4px  
4px 4px #F25EAF; box-shadow:4px 4px 4px  
4px #F25EAF }
```

# Background

The CSS property to change the background color of an element to Hex F25EAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F25EAF }
```

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

```
.background{ background-color:#F25EAF }
```

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