

# Converting Colors

Hex(F5E3F9)

Have a look what the booklet for  
Hex(F5E3F9) contains.

<b>Hex(F5E3F9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F5E3F9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5E3F9
RGB	245, 227, 249
RGB Percent	96%, 89%, 98%
CMY	0.0392, 0.1098, 0.0235
CMYK	0.02, 0.09, 0.00, 0.02
HSL	289°, 65%, 93%
HSV	289°, 9%, 98%
XYZ	82.2242, 81.1902, 100.9601
YIQ	234.8900, 3.6660, 10.6580

# Conversions

## Conversions Part 2

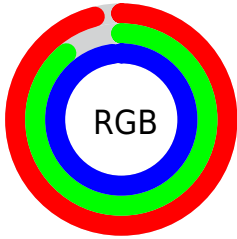
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 227, 249
Decimal	16114681
CIE Lab	92.22, 9.97, -8.45
CIE LCh	92, 13.068, 319.732
Yxy	81.1902, 0.3110, 0.3071
Android (android.graphics.Color)	4294304761 (0xFF5E3F9)
YUV	234.8900, 6.9562, 8.8665
Hunter-Lab	90.1056, 5.2020, -3.3584

# Details

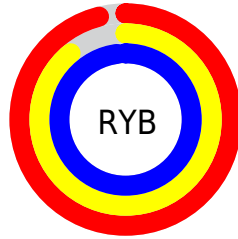
The Hex color **F5E3F9** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **E7F9E3**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **BDACC1** is the 20% darker color. If you saturate the color by 10%, you get **F0CAF9**, and if you desaturate by 10%, it is **FAFCF9**.

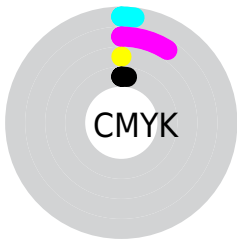
# Distribution



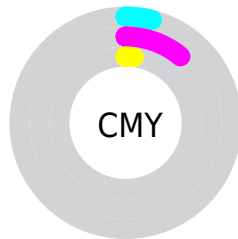
- Red (96%)
- Green (89%)
- Blue (98%)



- Red (96%)
- Yellow (89%)
- Blue (98%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (11%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5E3F9 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 F5E3F9 by changing the saturation by 10% instead.



 F5E3F9

FFFFFF

 F5E3F9

 D9C7DC

 BDACC1

 A291A5

 87778B

 6E5F72

 564759

 3E3042

 281B2C

 150117

 F5E3F9

 F5E3F9

 F0CAF9

 FAFCF9

 ECB1F9

 FEFFF9

 E798F9

 FFFFF9

 E37FF9

 DE67F9

 DA4EF9

 D535F9

 D11CF9

 CC03F9

# Harmonies

## Analogous

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



E6E7FF



F5E3F9



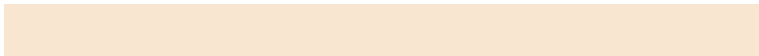
FFE1ED

# Triad

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



F5E3F9



F8E6D0



C9F0F1

# Complementary

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



F5E3F9



E7F9E3

# 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.



CFF0E4



F5E3F9



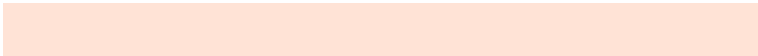
EAEAD1

# Square

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



F5E3F9



FFE3D6



DCEED8



CCEEFB

# Rectangle

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



F5E3F9



FFE0E5



DCEED8



CBF0EC



# Sweetspot

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



F5E3F9



FEF7FF



E3E7F9



7F7A80



000000



808080



# Same Dimension

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



F5E3F9



FAE3FF



F9E3F2



7B707D



9A00BD



32003D



# Inverse Universe

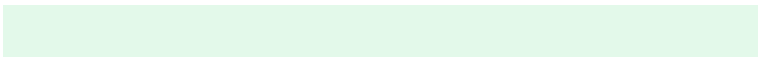
The Inverse Universe completely reimagines the original color for something new.



F9E3E7



FFE3E8



E3F9EA



7D7073



BD0022

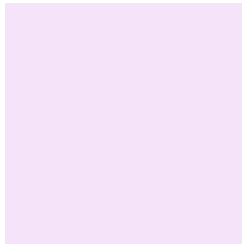


3D000B



# Previews

## White Background



This preview shows how the Hex color F5E3F9 looks on a white background.

## Color Contrast Check

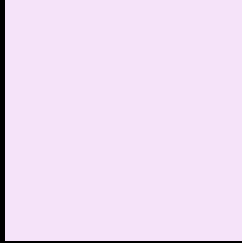
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F5E3F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

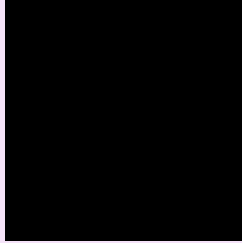
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

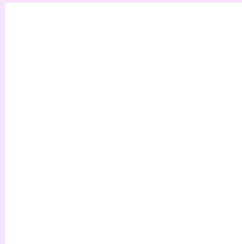
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F5E3F9 Background



This preview shows how black text looks on a background with the Hex color F5E3F9.

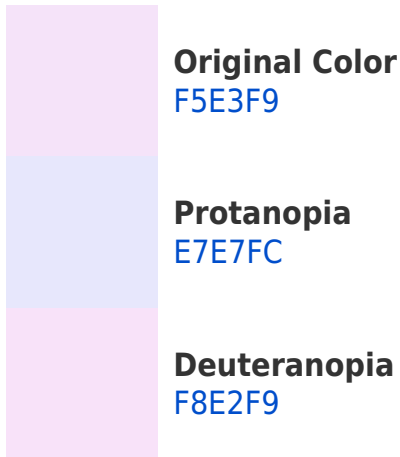


This preview shows how white text looks on a background with the Hex color F5E3F9.

# 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**  
F4E4F5

# Trichromacy



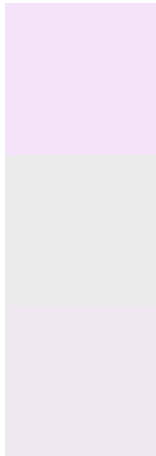
**Original Color**  
F5E3F9

**Protanomaly**  
ECE6FB

**Deuteranomaly**  
F7E2F9

**Tritanomaly**  
F4E4F6

# Monochromacy



**Original Color**  
F5E3F9

**Achromatopsia**  
EBEBEB

**Achromatomaly**  
EFE8F0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5E3F9 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 #F5E3F9 looks like.

```
.text, #text, p{  
    color:#F5E3F9  
}
```

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 #F5E3F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5E3F9
}
```

## Border

The CSS property to change the border of an element to Hex F5E3F9 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
#F5E3F9 }
```

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

```
.border{ border-color:#F5E3F9 }
```

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

Here you see how a box with a 4 pixel #F5E3F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5E3F9; -webkit-box-shadow:4px 4px  
4px 4px #F5E3F9; box-shadow:4px 4px 4px  
4px #F5E3F9 }
```

# Background

The CSS property to change the background color of an element to Hex F5E3F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5E3F9 }
```

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

```
.background{ background-color:#F5E3F9 }
```

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