

# Converting Colors

Hex(FCB3E8)

Have a look what the booklet for  
Hex(FCB3E8) contains.

|  |    |
|--|----|
| <b>Hex(FCB3E8)</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(FCB3E8)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FCB3E8                     |
| RGB         | 252, 179, 232              |
| RGB Percent | 99%, 70%, 91%              |
| CMY         | 0.0118, 0.2980, 0.0902     |
| CMYK        | 0.00, 0.29, 0.08, 0.01     |
| HSL         | 316°, 92%, 85%             |
| HSV         | 316°, 29%, 99%             |
| XYZ         | 70.8305, 58.7618, 83.9529  |
| YIQ         | 206.8690, 26.4950, 31.9590 |

# Conversions

## Conversions Part 2

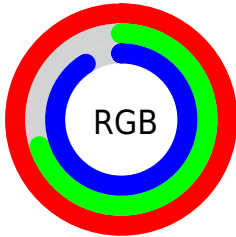
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 252, 179, 232                 |
| Decimal                             | 16561128                      |
| CIE <sub>Lab</sub>                  | 81.16, 34.52, -15.88          |
| CIE <sub>LCh</sub>                  | 81, 37.993, 335.298           |
| Y <sub>xy</sub>                     | 58.7618, 0.3317,<br>0.2752    |
| Android<br>(android.graphics.Color) | 4294751208<br>(0xFFFCB3E8)    |
| YUV                                 | 206.8690, 12.3896,<br>39.5799 |
| Hunter-Lab                          | 76.6563, 30.7857,<br>-11.2742 |

# Details

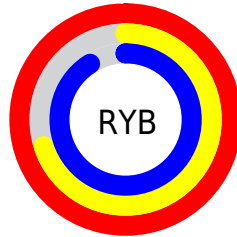
The Hex color **FCB3E8** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B3FCC7**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFEBFF**, and **C27DB0** is the 20% darker color. If you saturate the color by 10%, you get **FC9AE1**, and if you desaturate by 10%, it is **FCCCEF**.

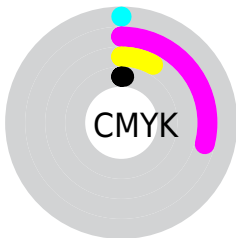
# Distribution



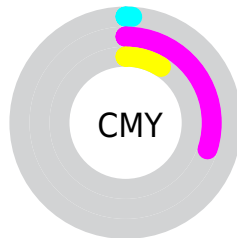
- Red (99%)
- Green (70%)
- Blue (91%)



- Red (99%)
- Yellow (70%)
- Blue (91%)



- Cyan (0%)
- Magenta (29%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (30%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCB3E8 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 FCB3E8 by changing the saturation by 10% instead.



 FCB3E8

 FCB3E8

FFFFFF


 DF98CC

 FFE8FF

 C27DB0

 A76496

 8C4B7C

 713263

 581A4B

 3F0034

 2A001F

 000002

 FCB3E8

 FCB3E8

 FC9AE1

 FCCCEF

 FC81DA

 FCE5F6

 FC67D3

 FCFFFD

 FC4ECC

 FCFFFF

 FC35C5

 FC1CBF

 FC03B8

 FC00B7

# Harmonies

## Analogous

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



D6BEFF



FCB3E8



FFAEC4

# Triad

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



FCB3E8



DCC982



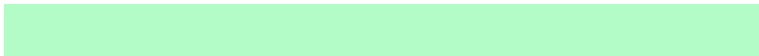
4CDBF1

# Complementary

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



FCB3E8



B3FCC7

# 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.



61DDCF



FCB3E8



B5D48E

# Square

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



FCB3E8



FBBD8A



8BDAAB



6CD5FF

# Rectangle

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



FCB3E8



FFB0AD



8BDAAB



4EDCE7



# Sweetspot

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



FCB3E8



FFE8F9



C6B3FC



80717C



000000



808080



# Same Dimension

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



FCB3E8



FFA6E7



FCB3C4



7D707A



BD0089



3D002C



# Inverse Universe

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



FCB3E8



FFA6E7



B3FCEB



7D707A



BD0089



3D002C



# Previews

## White Background



This preview shows how the Hex color FCB3E8 looks on a white background.

## Color Contrast Check

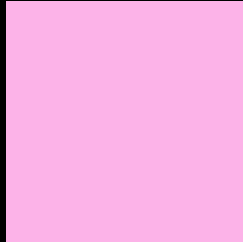
Large Text (above 18pt) WCAG AA × Fail

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 FCB3E8 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 FCB3E8 Background



This preview shows how black text looks on a background with the Hex color FCB3E8.

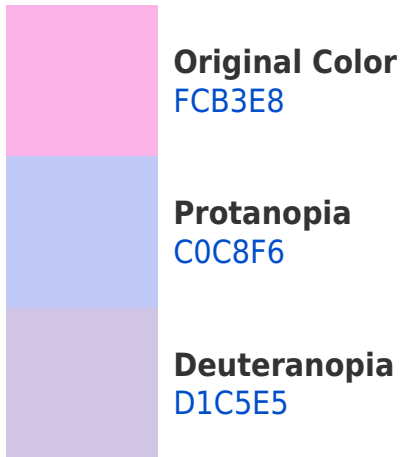


This preview shows how white text looks on a background with the Hex color FCB3E8.

# 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**  
F8B9C7

# Trichromacy



**Original Color**  
FCB3E8



**Protanomaly**  
D6C0F1



**Deuteranomaly**  
E1BEE6

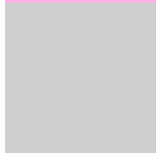


**Tritanomaly**  
F9B7D3

# Monochromacy



**Original Color**  
FCB3E8



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
DFC5D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCB3E8 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 #FCB3E8 looks like.

```
.text, #text, p{  
    color:#FCB3E8  
}
```

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 #FCB3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCB3E8
}
```

## Border

The CSS property to change the border of an element to Hex FCB3E8 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
#FCB3E8 }
```

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

```
.border{ border-color:#FCB3E8 }
```

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

Here you see how a box with a 4 pixel #FCB3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCB3E8; -webkit-box-shadow:4px 4px  
4px 4px #FCB3E8; box-shadow:4px 4px 4px  
4px #FCB3E8 }
```

# Background

The CSS property to change the background color of an element to Hex FCB3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCB3E8 }
```

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

```
.background{ background-color:#FCB3E8 }
```

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