

# Converting Colors

Hex(F2BEEB)

Have a look what the booklet for  
Hex(F2BEEB) contains.

<b>Hex(F2BEEB)</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(F2BEEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2BEEB
RGB	242, 190, 235
RGB Percent	95%, 75%, 92%
CMY	0.0510, 0.2549, 0.0784
CMYK	0.00, 0.21, 0.03, 0.05
HSL	308°, 67%, 85%
HSV	308°, 21%, 95%
XYZ	70.0268, 61.7023, 86.8162
YIQ	210.6780, 16.5470, 25.0190

# Conversions

## Conversions Part 2

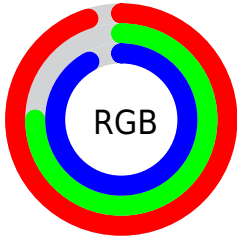
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 190, 235
Decimal	15908587
CIE Lab	82.75, 25.92, -15.19
CIE LCh	83, 30.046, 329.631
Yxy	61.7023, 0.3204, 0.2823
Android (android.graphics.Color)	4294098667 (0xFFF2BEEB)
YUV	210.6780, 11.9907, 27.4694
Hunter-Lab	78.5508, 21.6660, -10.5431

# Details

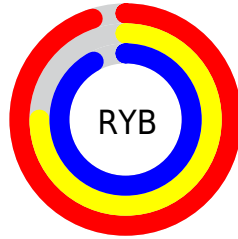
The Hex color **F2BEEB** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BEF2C5**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFF7FF**, and **B988B3** is the 20% darker color. If you saturate the color by 10%, you get **F2A6E8**, and if you desaturate by 10%, it is **F2D6EE**.

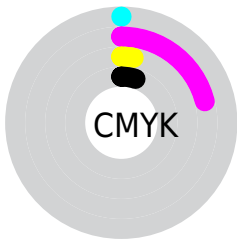
# Distribution



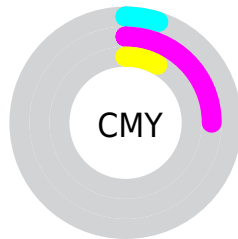
- Red (95%)
- Green (75%)
- Blue (92%)



- Red (95%)
- Yellow (75%)
- Blue (92%)



- Cyan (0%)
- Magenta (21%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2BEEB 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 F2BEEB by changing the saturation by 10% instead.



 F2BEEB

FFFFFF

 FFF7FF

 F2BEEB

 D5A3CF

 B988B3

 9E6F98

 84567E

 6A3E65

 51274D

 391036

 240021

 000007

 F2BEEB

 F2BEEB

 F2A6E8

 F2D6EE

 F28EE4

 F2EEF2

 F275E1

 F2FFF5

 F25DDE

 F2FFF8

 F245DB

 F2FFFB

 F22DD7

 F2FFFF

 F215D4

 F200D1

# Harmonies

## Analogous

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



D2C7FF



F2BEEB



FFBACF

# Triad

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



F2BEEB



E3CC96



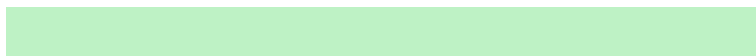
79DDE9

# Complementary

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



F2BEEB



BEF2C5

# 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.



87DECD



F2BEEB



C5D59C

# Square

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



F2BEEB



FAC39E



A4DBB1



87D9FE

# Rectangle

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



F2BEEB



FFBABC



A4DBB1



7BDEE0



# Sweetspot

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



F2BEEB



FFF0FD



C5BEF2



80777E



000000



808080



# Same Dimension

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



F2BEEB



FFBDF6



F2BED1



786C76



B8009F



380031



# Inverse Universe

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



F2BEEB



FFBDF6



BEF2DF



786C76



B8009F

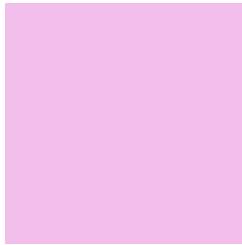


380031



# Previews

## White Background



This preview shows how the Hex color F2BEEB looks on a white background.

## Color Contrast Check

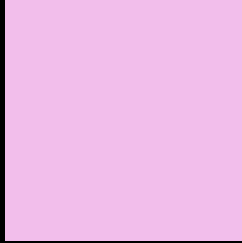
Large Text (above 18pt) WCAG AA × Fail

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 F2BEEB 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 F2BEEB Background



This preview shows how black text looks on a background with the Hex color F2BEEB.

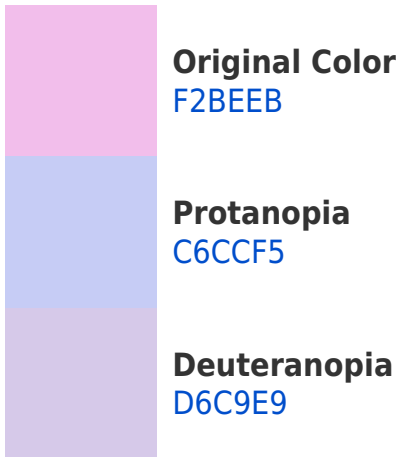


This preview shows how white text looks on a background with the Hex color F2BEEB.

# 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

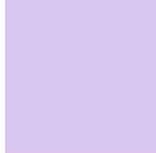




# Trichromacy



**Original Color**  
F2BEEB



**Protanomaly**  
D6C7F1



**Deuteranomaly**  
E0C5EA

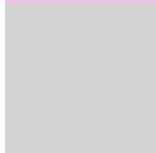


**Tritanomaly**  
F0C1DB

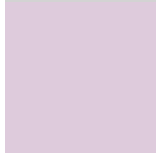
# Monochromacy



**Original Color**  
F2BEEB



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
DECBCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2BEEB 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 #F2BEEB looks like.

```
.text, #text, p{  
    color:#F2BEEB  
}
```

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 #F2BEEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2BEEB
}
```

## Border

The CSS property to change the border of an element to Hex F2BEEB 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
#F2BEEB }
```

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

```
.border{ border-color:#F2BEEB }
```

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

Here you see how a box with a 4 pixel #F2BEEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2BEEB; -webkit-box-shadow:4px 4px  
4px 4px #F2BEEB; box-shadow:4px 4px 4px  
4px #F2BEEB }
```

# Background

The CSS property to change the background color of an element to Hex F2BEEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2BEEB }
```

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

```
.background{ background-color:#F2BEEB }
```

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