

Converting Colors

Hex(F587B4)

Have a look what the booklet for
Hex(F587B4) contains.

Hex(F587B4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F587B4)

Conversions

Conversions Part 1

Format	Color
Hex	F587B4
RGB	245, 135, 180
RGB Percent	96%, 53%, 71%
CMY	0.0392, 0.4706, 0.2941
CMYK	0.00, 0.45, 0.27, 0.04
HSL	335°, 85%, 75%
HSV	335°, 45%, 96%
XYZ	54.5584, 40.0357, 48.0321
YIQ	173.0200, 51.1150, 37.3150

Conversions

Conversions Part 2

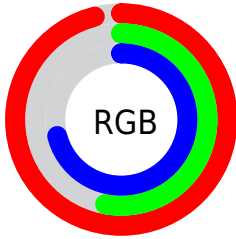
Format	Color
R_{YB}	245, 135, 180
Decimal	16091060
CIE _{Lab}	69.49, 47.03, -4.84
CIE _{LCh}	69, 47.274, 354.119
Yxy	40.0357, 0.3825, 0.2807
Android (android.graphics.Color)	4294281140 (0xFFFF587B4)
YUV	173.0200, 3.4411, 63.1265
Hunter-Lab	63.2738, 43.1841, -0.7163

Details

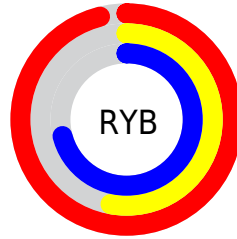
The Hex color **F587B4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87F5C8**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFBEEC**, and **BA527F** is the 20% darker color. If you saturate the color by 10%, you get **F56EA6**, and if you desaturate by 10%, it is **F5A0C2**.

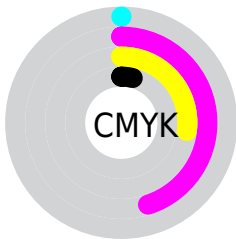
Distribution



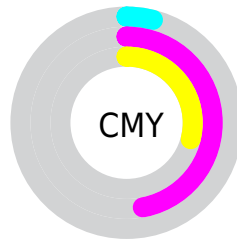
- Red (96%)
- Green (53%)
- Blue (71%)



- Red (96%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (4%)



- Cyan (4%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color F587B4 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 F587B4 by changing the saturation by 10% instead.

 F587B4

 F587B4

FFFFFF

 D76C99

 FFBEEC

 BA527F

 FFDBFF

 9E3766

 FFF8FF

 821A4E

 660038

 4B0022

 34000C

 050000

 000000

 F587B4

 F587B4

 F56EA6

 F5A0C2

 F55697

 F5B8D1

 F53E89

 F5D1DF

 F5257A

 F5E9EE

 F50D6C

 F5FFFC

 F50064

 F5FFFF

Harmonies

Analogous

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



D792DC



F587B4



FB8989

Triad

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



F587B4



A1B259



00BBEE

Complementary

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



F587B4



87F5C8

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.



00BFCB



F587B4



6EBB76

Square

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



F587B4



CBA453



13BFA0



4BB1FF

Rectangle

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



F587B4



F29070



13BFA0



00BDE4

Sweetspot

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



F587B4



FFDEEB



C787F5



806B73



000000



808080

Same Dimension

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



F587B4



FF75AE



F59087



7A6E73



BA004C



3B0018

Inverse Universe

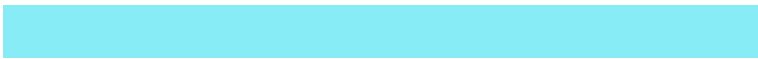
The Inverse Universe completely reimagines the original color for something new.



F587B4



FF75AE



87ECF5



7A6E73



BA004C



3B0018

Previews

White Background



This preview shows how the Hex color F587B4 looks on a white background.

Color Contrast Check

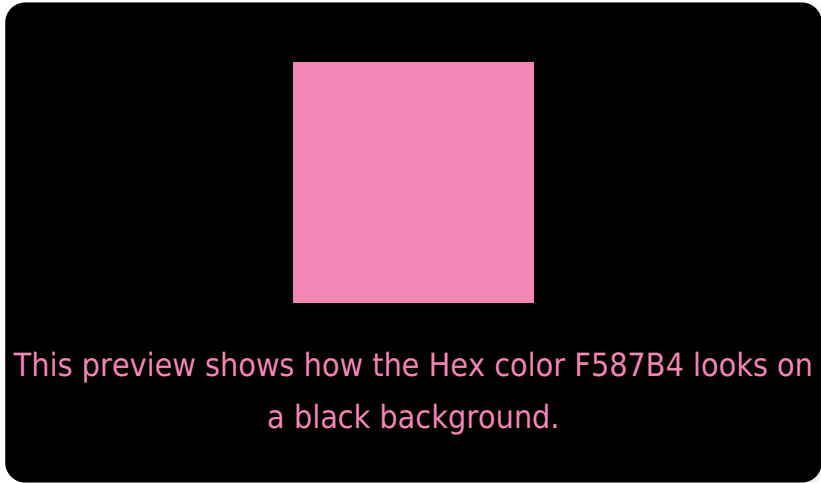
Large Text (above 18pt) WCAG AA × Fail

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 F587B4 Background



This preview shows how black text looks on a background with the Hex color F587B4.

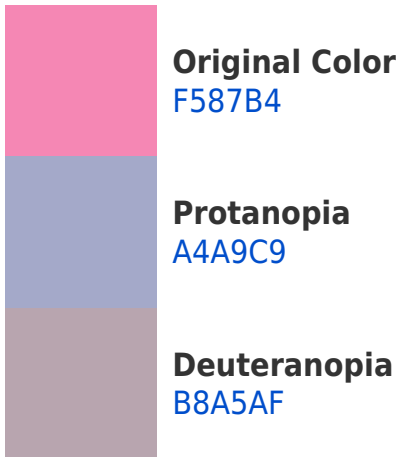


This preview shows how white text looks on a background with the Hex color F587B4.

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](#).

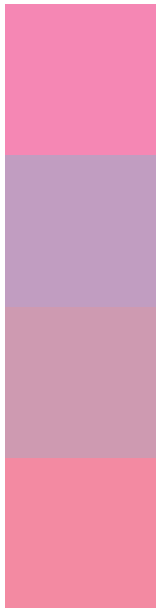
Dichromacy





Tritanopia
F28C97

Trichromacy



Original Color
F587B4

Protanomaly
C19DC1

Deuteranomaly
CE9AB1

Tritanomaly
F38AA2

Monochromacy



Original Color
F587B4

Achromatopsia
ADADAD

Achromatomaly
C79FB0

CSS Examples

Text

The CSS property to change the color of the text to Hex F587B4 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 #F587B4 looks like.

```
.text, #text, p{  
    color:#F587B4  
}
```

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 #F587B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F587B4
}
```

Border

The CSS property to change the border of an element to Hex F587B4 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
#F587B4 }
```

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

```
.border{ border-color:#F587B4 }
```

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

Here you see how a box with a 4 pixel #F587B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F587B4; -webkit-box-shadow:4px 4px  
4px 4px #F587B4; box-shadow:4px 4px 4px  
4px #F587B4 }
```

Background

The CSS property to change the background color of an element to Hex F587B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F587B4 }
```

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

```
.background{ background-color:#F587B4 }
```

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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