

Converting Colors

Hex(F567A7)

Have a look what the booklet for
Hex(F567A7) contains.

Hex(F567A7)	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(F567A7)

Conversions

Conversions Part 1

Format	Color
Hex	F567A7
RGB	245, 103, 167
RGB Percent	96%, 40%, 65%
CMY	0.0392, 0.5961, 0.3451
CMYK	0.00, 0.58, 0.32, 0.04
HSL	333°, 88%, 68%
HSV	333°, 58%, 96%
XYZ	49.4815, 31.9030, 40.1091
YIQ	152.7540, 64.0880, 50.0080

Conversions

Conversions Part 2

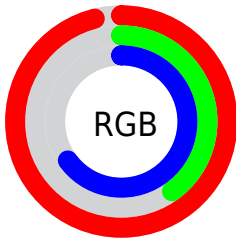
Format	Color
R _Y B	245, 103, 167
Decimal	16082855
CIE Lab	63.26, 60.58, -6.71
CIE LCh	63, 60.948, 353.679
Yxy	31.9030, 0.4073, 0.2626
Android (android.graphics.Color)	4294272935 (0xFFFF567A7)
YUV	152.7540, 7.0233, 80.8997
Hunter-Lab	56.4827, 57.5295, -2.5647

Details

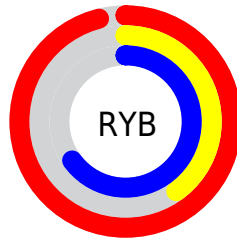
The Hex color **F567A7** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **67F5B5**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FF9FDE**, and **B92C73** is the 20% darker color. If you saturate the color by 10%, you get **F54F9A**, and if you desaturate by 10%, it is **F580B4**.

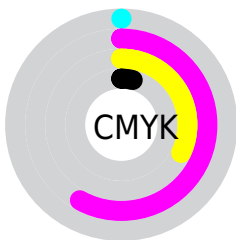
Distribution



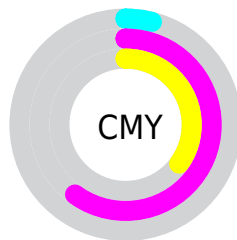
- Red (96%)
- Green (40%)
- Blue (65%)



- Red (96%)
- Yellow (40%)
- Blue (65%)



- Cyan (0%)
- Magenta (58%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color F567A7 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 F567A7 by changing the saturation by 10% instead.

 F567A7

 F567A7

FFFFFF

 D74B8D

 FF9FDE

 B92C73

 FFBCFB

 9C005B

 FFD9FF


 7F0043

 FFF7FF

 62002D

 470019

 2C0001

 000000

 F567A7

 F567A7

 F54F9A

 F580B4

 F5368C

 F598C2

 F51E7F

 F5B1CF

 F50571

 F5C9DD

 F5006E

 F5E2EA

 F5FAF8

 F5FFFF

Harmonies

Analogous

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



D078DA



F567A7



FB6A71

Triad

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



F567A7



8BA32B



00AEF0

Complementary

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



F567A7



67F5B5

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.



00B3C3



F567A7



44AD55

Square

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



F567A7



BF9222



00B28B



00A3FF

Rectangle

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



F567A7



EF7650



00B28B



00B0E3

Sweetspot

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



F567A7



FFD4E7



B367F5



806671



000000



808080

Same Dimension

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



F567A7



FF4D9D



F56C67



7A6E74



BA0054



3B001A

Inverse Universe

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



F567A7



FF4D9D



67F0F5



7A6E74



BA0054



3B001A

Previews

White Background



This preview shows how the Hex color F567A7 looks on a white background.

Color Contrast Check

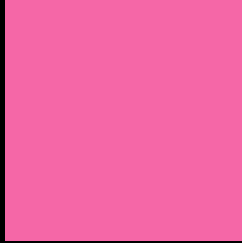
Large Text (above 18pt) WCAG AA × Fail

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 F567A7 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 F567A7 Background



This preview shows how black text looks on a background with the Hex color F567A7.

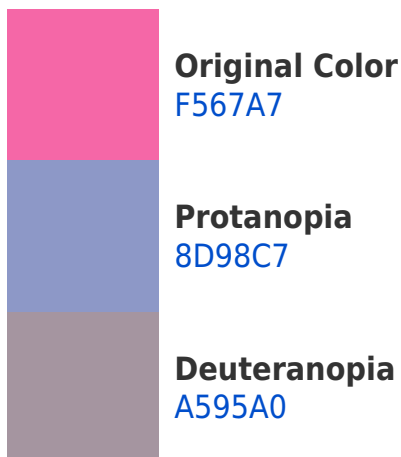


This preview shows how white text looks on a background with the Hex color F567A7.

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
F17179

Trichromacy



Original Color
F567A7



Protanomaly
B386BB



Deuteranomaly
C284A3

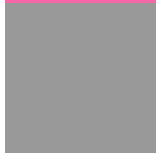


Tritanomaly
F26D8A

Monochromacy



Original Color
F567A7



Achromatopsia
999999



Achromatomaly
BA879E

CSS Examples

Text

The CSS property to change the color of the text to Hex F567A7 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 #F567A7 looks like.

```
.text, #text, p{  
    color:#F567A7  
}
```

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 #F567A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F567A7
}
```

Border

The CSS property to change the border of an element to Hex F567A7 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
#F567A7 }
```

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

```
.border{ border-color:#F567A7 }
```

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

Here you see how a box with a 4 pixel #F567A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F567A7; -webkit-box-shadow:4px 4px  
4px 4px #F567A7; box-shadow:4px 4px 4px  
4px #F567A7 }
```

Background

The CSS property to change the background color of an element to Hex F567A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F567A7 }
```

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

```
.background{ background-color:#F567A7 }
```

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