

Converting Colors

Hex(F61F7B)

Have a look what the booklet for
Hex(F61F7B) contains.

Hex(F61F7B)	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(F61F7B)

Conversions

Conversions Part 1

Format	Color
Hex	F61F7B
RGB	246, 31, 123
RGB Percent	96%, 12%, 48%
CMY	0.0353, 0.8784, 0.5176
CMYK	0.00, 0.87, 0.50, 0.04
HSL	334°, 92%, 54%
HSV	334°, 87%, 96%
XYZ	42.0712, 22.0029, 20.7685
YIQ	105.7730, 98.6080, 74.1920

Conversions

Conversions Part 2

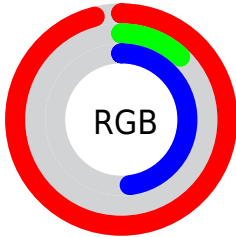
Format	Color
R_{YB}	246, 31, 123
Decimal	16129915
CIE _{Lab}	54.03, 79.20, 5.61
CIE _{LCh}	54, 79.398, 4.055
Yxy	22.0029, 0.4959, 0.2593
Android (android.graphics.Color)	4294319995 (0xFFFF61F7B)
YUV	105.7730, 8.4929, 122.9791
Hunter-Lab	46.9072, 78.0094, 6.5840

Details

The Hex color **F61F7B** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **1FF69A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6AAF**, and **B7004B** is the 20% darker color. If you saturate the color by 10%, you get **F6066D**, and if you desaturate by 10%, it is **F63889**.

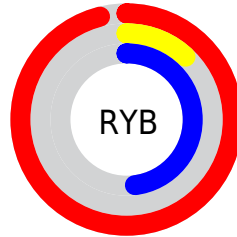
Distribution



Red (96%)

Green (12%)

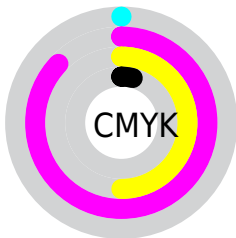
Blue (48%)



Red (96%)

Yellow (12%)

Blue (48%)

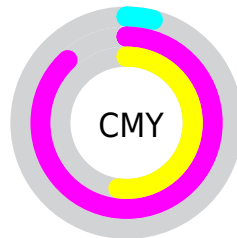


Cyan (0%)

Magenta (87%)

Yellow (50%)

Black (4%)



Cyan (4%)

Magenta (88%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color F61F7B 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 F61F7B by changing the saturation by 10% instead.

 F61F7B

 F61F7B

FFFFFF

 D60062

 FF6AAF

 B7004B

 FF89CA

 980035

 FFA7E7

 790020

 FFC5FF

 5B0007

 FFE4FF

 3C0003

 160000

 000000

 F61F7B

 F61F7B

 F6066D

 F63889

 F60069

 F65097

 F669A5

 F681B3

 F69AC1

 F6B3CF

 F6CBDE

 F6E4EC

 F6FCFA

Harmonies

Analogous

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



D840BE



F61F7B



EE3F38

Triad

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



F61F7B



4B9200



0098FD

Complementary

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



F61F7B



1FF69A

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.



009ECD



F61F7B



009B40

Square

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



F61F7B



948200



009E89



0087FF

Rectangle

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



F61F7B



D95A00



009E89



009BF0

Sweetspot

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



F61F7B



FFBDD9



991FF6



805869



000000



808080

Same Dimension

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



F61F7B



FF006D



F62D1F



7A6E73



BA0050



3B0019

Inverse Universe

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



F61F7B



FF006D



1FE8F6



7A6E73



BA0050



3B0019

Previews

White Background



This preview shows how the Hex color F61F7B looks on a white background.

Color Contrast Check

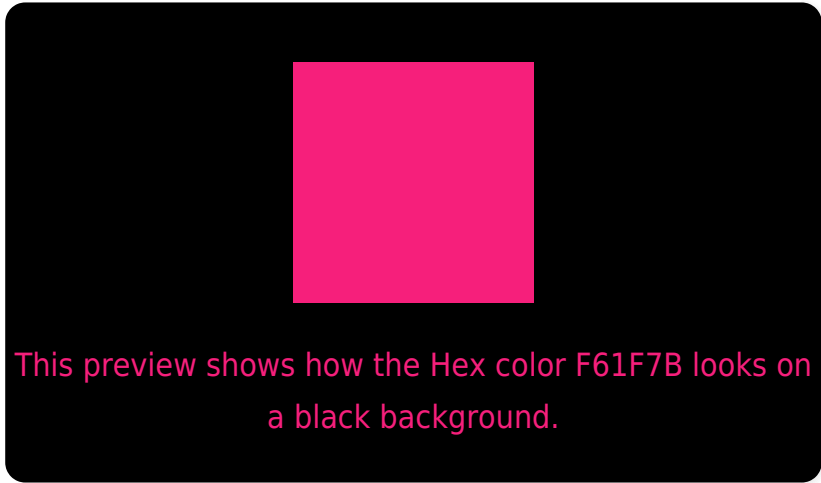
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex F61F7B Background



This preview shows how black text looks on a background with the Hex color F61F7B.



This preview shows how white text looks on a background with the Hex color F61F7B.

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



Original Color
F61F7B

Protanopia
7580AE

Deuteranopia
947D71



Tritanopia
F33738

Trichromacy



Original Color
F61F7B



Protanomaly
A45D9B



Deuteranomaly
B85B75



Tritanomaly
F42E50

Monochromacy



Original Color
F61F7B



Achromatopsia
6A6A6A



Achromatomaly
9D4F70

CSS Examples

Text

The CSS property to change the color of the text to Hex F61F7B 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 #F61F7B looks like.

```
.text, #text, p{  
    color:#F61F7B  
}
```

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 #F61F7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F61F7B
}
```

Border

The CSS property to change the border of an element to Hex F61F7B 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
#F61F7B }
```

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

```
.border{ border-color:#F61F7B }
```

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

Here you see how a box with a 4 pixel #F61F7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F61F7B; -webkit-box-shadow:4px 4px  
4px 4px #F61F7B; box-shadow:4px 4px 4px  
4px #F61F7B }
```

Background

The CSS property to change the background color of an element to Hex F61F7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F61F7B }
```

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

```
.background{ background-color:#F61F7B }
```

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