

Converting Colors

Hex(FF77E4)

Have a look what the booklet for
Hex(FF77E4) contains.

Hex(FF77E4)	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(F777E4)

Conversions

Conversions Part 1

Format	Color
Hex	FF77E4
RGB	255, 119, 228
RGB Percent	100%, 47%, 89%
CMY	0.0000, 0.5333, 0.1059
CMYK	0.00, 0.53, 0.11, 0.00
HSL	312°, 100%, 73%
HSV	312°, 53%, 100%
XYZ	61.8404, 40.0551, 77.8708
YIQ	172.0900, 46.0670, 62.7310

Conversions

Conversions Part 2

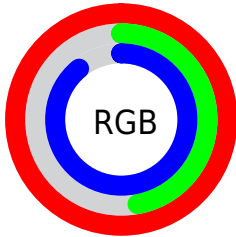
Format	Color
R_{YB}	255, 119, 228
Decimal	16742372
CIE _{Lab}	69.51, 64.69, -31.43
CIE _{LCh}	70, 71.917, 334.089
Yxy	40.0551, 0.3440, 0.2228
Android (android.graphics.Color)	4294932452 (0xFFFF77E4)
YUV	172.0900, 27.5636, 72.7121
Hunter-Lab	63.2891, 63.6583, -28.6480

Details

The Hex color **FF77E4** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **77FF92**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFB0FF**, and **C43DAC** is the 20% darker color. If you saturate the color by 10%, you get **FF5EDF**, and if you desaturate by 10%, it is **FF91E9**.

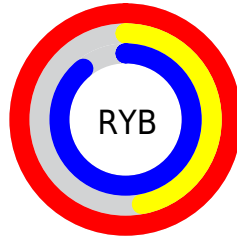
Distribution



Red (100%)

Green (47%)

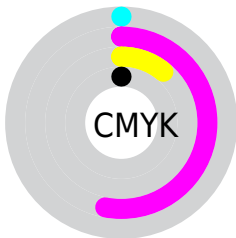
Blue (89%)



Red (100%)

Yellow (47%)

Blue (89%)

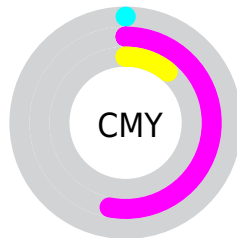


Cyan (0%)

Magenta (53%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF77E4 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 FF77E4 by changing the saturation by 10% instead.

 FF77E4

 FF77E4

FFFFFF

 E15BC8

 FFB0FF

 C43DAC

 FFCDFE

 A71A91

 FFEAFF

 8A0077

 6E005E

 530046

 3A0030

 1B001A

 000000

 FF77E4

 FF77E4

 FF5EDF

 FF91E9

 FF44DA

 FFAAEE

 FF2AD5

 FFC3F3

 FF11D0

 FFDDF8

 FF00CC

 FFF7FD

 FFFFFFFF

Harmonies

Analogous

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



B694FF



FF77E4



FF68A4

Triad

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



FF77E4



C2AA03



00C7F1

Complementary

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



FF77E4



77FF92

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.



00C8B1



FF77E4



7EBB31

Square

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



FF77E4



F6912E



00C46E



00BFFF

Rectangle

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



FF77E4



FF6F79



00C46E



00C8DD

Sweetspot

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



FF77E4



FFD6F7



9077FF



80677B



000000



808080

Same Dimension

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



FF77E4



FF5CDF



FF77A2



80737D



BF0099



400033

Inverse Universe

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



FF77E4



FF5CDF



77FFD4



80737D



BF0099



400033

Previews

White Background



This preview shows how the Hex color FF77E4 looks on a white background.

Color Contrast Check

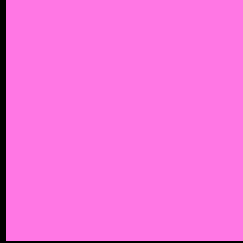
Large Text (above 18pt) WCAG AA × Fail

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 FF77E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

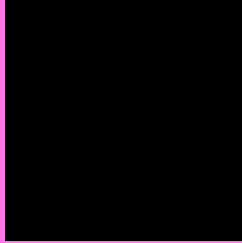
Any Text WCAG AA ✓ Pass

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 FF77E4 Background



This preview shows how black text looks on a background with the Hex color FF77E4.

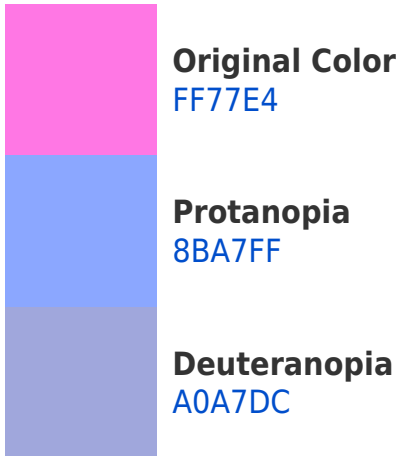


This preview shows how white text looks on a background with the Hex color FF77E4.

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
F68A94

Trichromacy



Original Color
FF77E4



Protanomaly
B596F5



Deuteranomaly
C396DF



Tritanomaly
F983B1

Monochromacy



Original Color
FF77E4



Achromatopsia
ACACAC



Achromatomaly
CA99C0

CSS Examples

Text

The CSS property to change the color of the text to Hex FF77E4 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 #FF77E4 looks like.

```
.text, #text, p{  
    color:#FF77E4  
}
```

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 #FF77E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF77E4
}
```

Border

The CSS property to change the border of an element to Hex FF77E4 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
#FF77E4 }
```

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

```
.border{ border-color:#FF77E4 }
```

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

Here you see how a box with a 4 pixel #FF77E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF77E4; -webkit-box-shadow:4px 4px  
4px 4px #FF77E4; box-shadow:4px 4px 4px  
4px #FF77E4 }
```

Background

The CSS property to change the background color of an element to Hex FF77E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF77E4 }
```

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

```
.background{ background-color:#FF77E4 }
```

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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