

# Converting Colors

Hex(73FF80)

Have a look what the booklet for  
Hex(73FF80) contains.

<b>Hex(73FF80)</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(73FF80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73FF80
RGB	115, 255, 128
RGB Percent	45%, 100%, 50%
CMY	0.5490, 0.0000, 0.4980
CMYK	0.55, 0.00, 0.50, 0.00
HSL	126°, 100%, 73%
HSV	126°, 55%, 100%
XYZ	46.7265, 76.7234, 32.7684
YIQ	198.6620, -42.6730, -69.1770

# Conversions

## Conversions Part 2

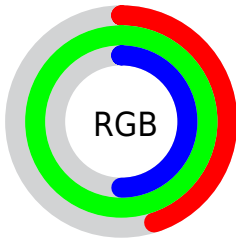
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 243, 255
Decimal	7602048
CIELab	90.19, -63.11, 49.07
CIELCh	90, 79.942, 142.138
Yxy	76.7234, 0.2991, 0.4911
Android (android.graphics.Color)	4285792128 (0xFF73FF80)
YUV	198.6620, -34.8364, -73.3716
Hunter-Lab	87.5919, -58.0637, 39.1337

# Details

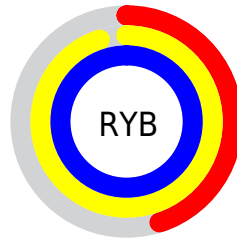
The Hex color **73FF80** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF73F2**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B0FFB7**, and **2CC54B** is the 20% darker color. If you saturate the color by 10%, you get **5AFF69**, and if you desaturate by 10%, it is **8DFF97**.

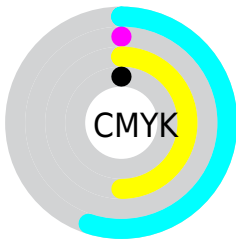
# Distribution



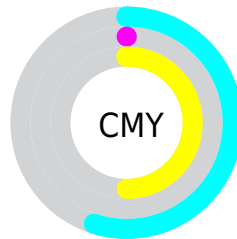
- Red (45%)
- Green (100%)
- Blue (50%)



- Red (45%)
- Yellow (95%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73FF80 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 73FF80 by changing the saturation by 10% instead.



 73FF80

 73FF80

FFFFFF

 53E265

 B0FFB7

 2CC54B

 CFFFD3

 00A931

 EDFFF0

 008E13

 007300

 005900

 004000

 002800

 000100

 73FF80

 73FF80

 5AFF69

 8DFF97

 40FF52

 A6FFAE

 26FF3B

 C0FFC5

 0DFF23

 D9FFDD

 00FF18

 F3FFF4

FFFFFF

# Harmonies

## Analogous

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



D4F047



73FF80



00FFCC

# Triad

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



73FF80



00F2FF



FFA0AE

# Complementary

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



73FF80



FF73F2

# 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.



FF9EFA



73FF80



C0D7FF

# Square

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



73FF80



00FFFF



FFB6FF



FFBA6B

# Rectangle

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



73FF80



00FFFF



FFB6FF



FF9CC7

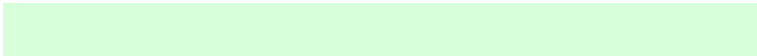


# Sweetspot

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



73FF80



D6FFDA



F3FF73



67806A



000000



808080



# Same Dimension

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



73FF80



57FF66



73FFC5



738074



00BF12



004006



# Inverse Universe

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



FF73F2



FF57EF



FF73AD



80737E



BF00AD

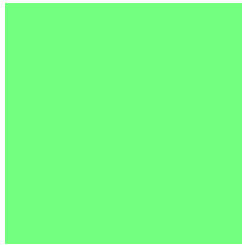


40003A



# Previews

## White Background



This preview shows how the Hex color 73FF80 looks on a white background.

## Color Contrast Check

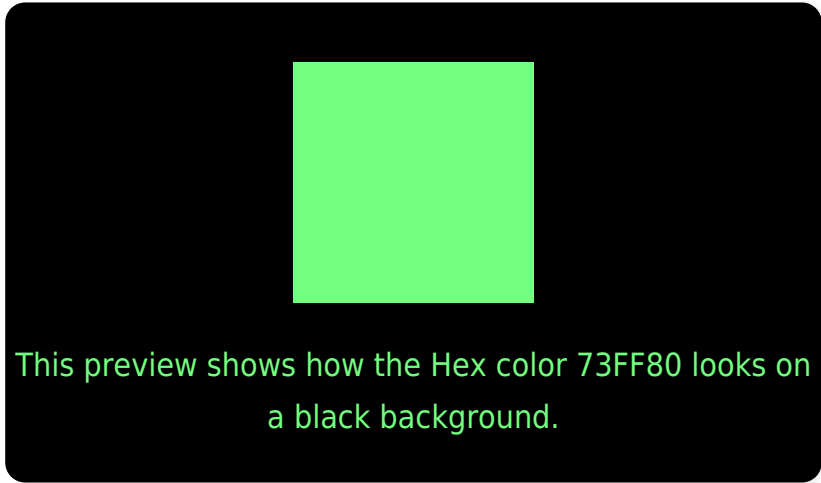
Large Text (above 18pt) WCAG AA × Fail

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

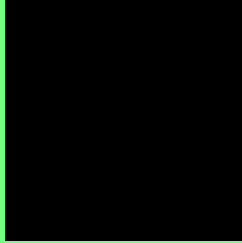
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

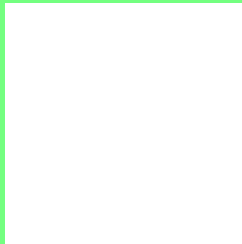
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73FF80 Background



This preview shows how black text looks on a background with the Hex color 73FF80.

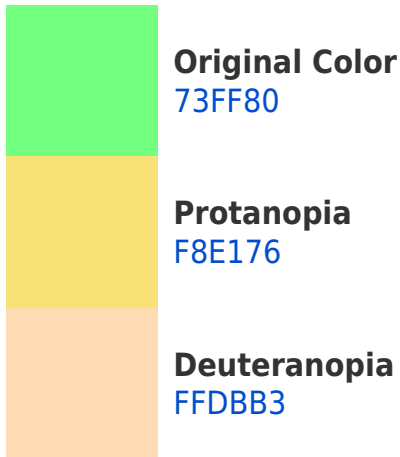


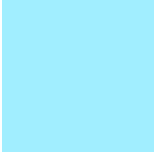
This preview shows how white text looks on a background with the Hex color 73FF80.

# 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**  
A1EEFF

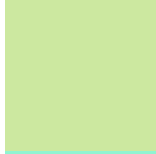
# Trichromacy



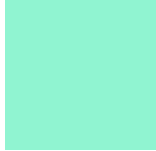
**Original Color**  
73FF80



**Protanomaly**  
C8EC7A

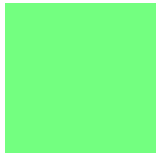


**Deuteranomaly**  
CCE8A0

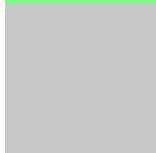


**Tritanomaly**  
90F4D1

# Monochromacy



**Original Color**  
73FF80



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
A8DBAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73FF80 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 #73FF80 looks like.

```
.text, #text, p{  
    color:#73FF80  
}
```

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 #73FF80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73FF80
}
```

## Border

The CSS property to change the border of an element to Hex 73FF80 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
#73FF80 }
```

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

```
.border{ border-color:#73FF80 }
```

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

Here you see how a box with a 4 pixel #73FF80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73FF80; -webkit-box-shadow:4px 4px  
4px 4px #73FF80; box-shadow:4px 4px 4px  
4px #73FF80 }
```

# Background

The CSS property to change the background color of an element to Hex 73FF80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73FF80 }
```

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

```
.background{ background-color:#73FF80 }
```

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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