

Converting Colors

Hex(77FFFF)

Have a look what the booklet for
Hex(77FFFF) contains.

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Color

Hex(77FFFF)

Conversions

Conversions Part 1

Format	Color
Hex	77FFFF
RGB	119, 255, 255
RGB Percent	47%, 100%, 100%
CMY	0.5333, 0.0000, 0.0000
CMYK	0.53, 0.00, 0.00, 0.00
HSL	180°, 100%, 73%
HSV	180°, 53%, 100%
XYZ	61.4177, 82.6619, 107.3260
YIQ	214.3360, -81.0560, -28.8320

Conversions

Conversions Part 2

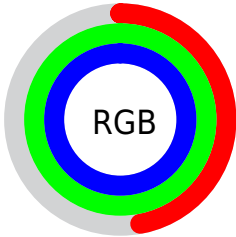
Format	Color
RYB	119, 187, 255
Decimal	7864319
CIELab	92.87, -36.98, -11.34
CIELCh	93, 38.681, 197.050
Yxy	82.6619, 0.2443, 0.3288
Android (android.graphics.Color)	4286054399 (0xFF77FFFF)
YUV	214.3360, 20.0474, -83.6097
Hunter-Lab	90.9186, -38.5264, -6.3466

Details

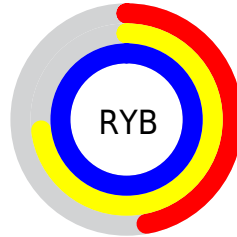
The Hex color **77FFFF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF7777**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **B5FFFF**, and **2EC6C6** is the 20% darker color. If you saturate the color by 10%, you get **5EFFFF**, and if you desaturate by 10%, it is **91FFFF**.

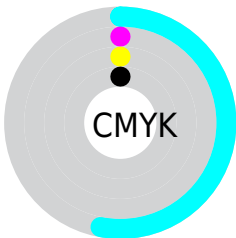
Distribution



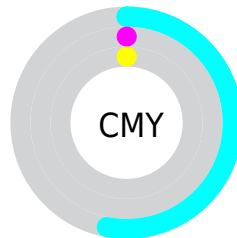
- Red (47%)
- Green (100%)
- Blue (100%)



- Red (47%)
- Yellow (73%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77FFFF 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 77FFFF by changing the saturation by 10% instead.

 77FFFF

 77FFFF

FFFFFF

 56E2E2


 B5FFFF

 2EC6C6

 D4FFFF

 00AAAB

 F3FFFF

 008F91

 007577

 005C5E

 004347


 002D30

 00131C

 77FFFF

 77FFFF

 5EFFFF

 91FFFF

 44FFFF

 AAFFFF

 2AFFFF

 C3FFFF

 11FFFF

 DDFFFF

 00FFFF

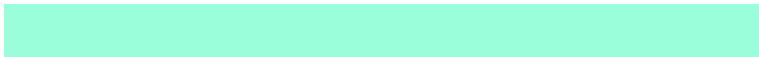
 F7FFFF

FFFFFF

Harmonies

Analogous

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



99FED9



77FFFF



77FBFF

Triad

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



77FFFF



FFDAFF



FFE3A2

Complementary

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



77FFFF



FF7777

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.



FFD7B6



77FFFF



FFD0FC

Square

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



77FFFF



D9E7FF



FFCFD6



EFEFA3

Rectangle

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



77FFFF



91F6FF



FFCFD6



FFDEA7

Sweetspot

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



77FFFF



D6FFFF



77FF77



678080



000000



808080

Same Dimension

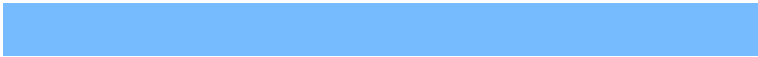
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77FFFF



5CFFFF



77BBFF



738080



00BFBF



004040

Inverse Universe

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



FF77FF



FF5CFF



FFBB77



807380



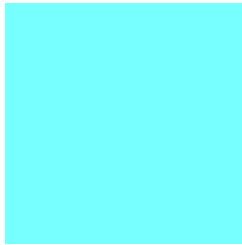
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 77FFFF looks on a white background.

Color Contrast Check

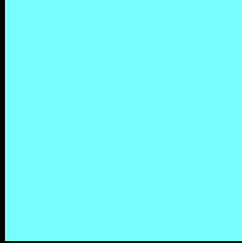
Large Text (above 18pt) WCAG AA × Fail

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 77FFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

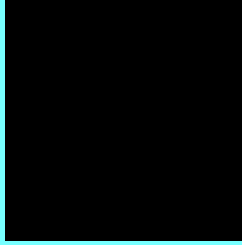
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

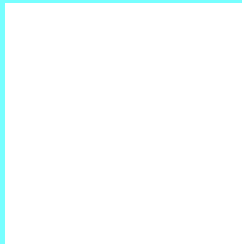
Any Text WCAG AAA ✓ Pass

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

Hex 77FFFF Background



This preview shows how black text looks on a background with the Hex color 77FFFF.

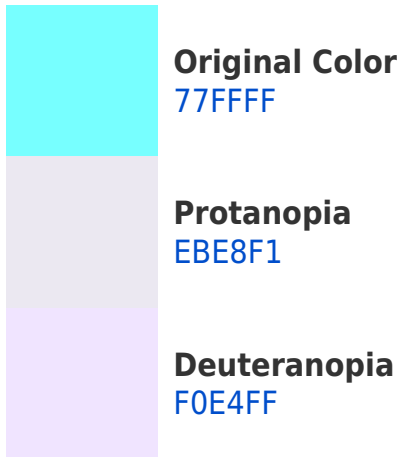


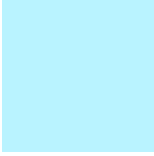
This preview shows how white text looks on a background with the Hex color 77FFFF.

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
B9F3FF

Trichromacy



Original Color

77FFFF



Protanomaly

C1F0F6



Deuteranomaly

C4EEFF



Tritanomaly

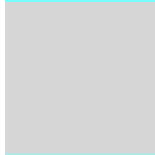
A1F7FF

Monochromacy



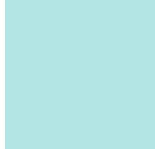
Original Color

77FFFF



Achromatopsia

D6D6D6



Achromatomaly

B3E5E5

CSS Examples

Text

The CSS property to change the color of the text to Hex 77FFFF 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 #77FFFF looks like.

```
.text, #text, p{  
    color:#77FFFF  
}
```

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 #77FFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77FFFF }  
}
```

Border

The CSS property to change the border of an element to Hex 77FFFF 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 #77FFFF }  
}
```

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

```
.border{ border-color:#77FFFF }
```

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

Here you see how a box with a 4 pixel #77FFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77FFFF; -webkit-box-shadow:4px 4px  
4px 4px #77FFFF; box-shadow:4px 4px 4px  
4px #77FFFF }
```

Background

The CSS property to change the background color of an element to Hex 77FFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77FFFF }
```

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

```
.background{ background-color:#77FFFF }
```

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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