

Converting Colors

Hex(70FBFF)

Have a look what the booklet for
Hex(70FBFF) contains.

Hex(70FBFF)	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(70FBFF)

Conversions

Conversions Part 1

Format	Color
Hex	70FBFF
RGB	112, 251, 255
RGB Percent	44%, 98%, 100%
CMY	0.5608, 0.0157, 0.0000
CMYK	0.56, 0.02, 0.00, 0.00
HSL	182°, 100%, 72%
HSV	182°, 56%, 100%
XYZ	59.2293, 79.6591, 106.8618
YIQ	209.8950, -84.1280, -28.2240

Conversions

Conversions Part 2

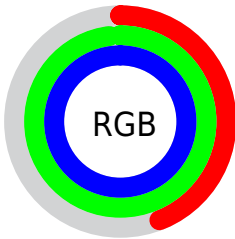
Format	Color
RYB	112, 182, 255
Decimal	7404543
CIELab	91.53, -36.43, -13.36
CIElCh	92, 38.796, 200.135
Yxy	79.6591, 0.2410, 0.3241
Android (android.graphics.Color)	4285594623 (0xFF70FBFF)
YUV	209.8950, 22.2368, -85.8539
Hunter-Lab	89.2519, -37.7350, -8.5118

Details

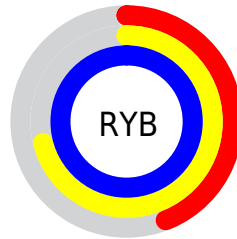
The Hex color **70FBFF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF7470**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **AFFFFFF**, and **20C2C6** is the 20% darker color. If you saturate the color by 10%, you get **57FAFF**, and if you desaturate by 10%, it is **8AFCFF**.

Distribution



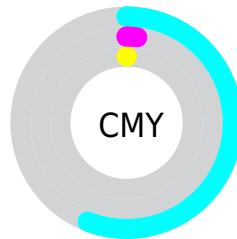
- Red (44%)
- Green (98%)
- Blue (100%)



- Red (44%)
- Yellow (71%)
- Blue (100%)



- Cyan (56%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70FBFF 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 70FBFF by changing the saturation by 10% instead.

 70FBFF

 70FBFF

FFFFFF

 4EDEE2


 AFFFFFF

 20C2C6

 CEFFFF

 00A6AB

 EDFFFF

 008C91

 007277

 00585E

 004047

 002A30

 000C1C

 70FBFF

 70FBFF

 57FAFF

 8AFCFF

 3DFAFF

 A3FCFF

 23F9FF

 BDFDFF

 0AF8FF

 D6FEFF

 00F8FF

 F0FFFF

FFFFFF

Harmonies

Analogous

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



91FAD9



70FBFF



75F7FF

Triad

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



70FBFF



FFD5FF



FFE09E

Complementary

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



70FBFF



FF7470

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.



FFD4AF



70FBFF



FFCCF5

Square

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



70FBFF



DBE2FF



FFCCCF



E7ECA0

Rectangle

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



70FBFF



91F1FF



FFCCCF



FFDCA1

Sweetspot

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



70FBFF



D4FEFF



70FF72



667F80



000000



808080

Same Dimension

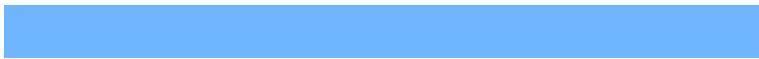
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70FBFF



54FAFF



70B5FF



737F80



00BABF



003E40

Inverse Universe

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



FF70FB



FF54FA



FFBA70



80737F



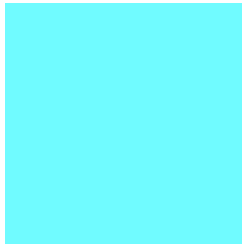
BF00BA



40003E

Previews

White Background



This preview shows how the Hex color 70FBFF looks on a white background.

Color Contrast Check

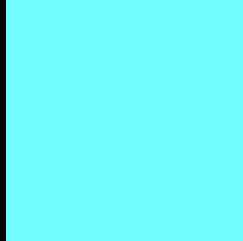
Large Text (above 18pt) WCAG AA × Fail

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 70FBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

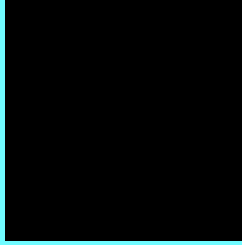
Any Text WCAG AA ✓ Pass

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 70FBFF Background



This preview shows how black text looks on a background with the Hex color 70FBFF.

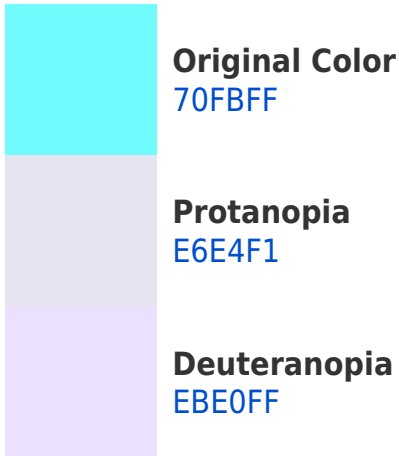


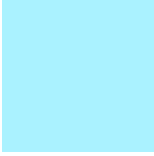
This preview shows how white text looks on a background with the Hex color 70FBFF.

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



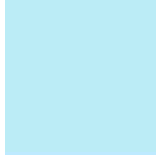


Tritanopia
AAF2FF

Trichromacy



Original Color
70FBFF



Protanomaly
BBECF6



Deuteranomaly
BEEAFF

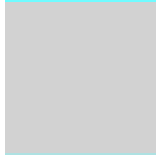


Tritanomaly
95F5FF

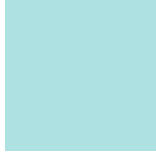
Monochromacy



Original Color
70FBFF



Achromatopsia
D2D2D2



Achromatomaly
AEE1E2

CSS Examples

Text

The CSS property to change the color of the text to Hex 70FBFF 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 #70FBFF looks like.

```
.text, #text, p{  
    color:#70FBFF  
}
```

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 #70FBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70FBFF
}
```

Border

The CSS property to change the border of an element to Hex 70FBFF 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
#70FBFF }
```

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

```
.border{ border-color:#70FBFF }
```

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

Here you see how a box with a 4 pixel #70FBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70FBFF; -webkit-box-shadow:4px 4px  
4px 4px #70FBFF; box-shadow:4px 4px 4px  
4px #70FBFF }
```

Background

The CSS property to change the background color of an element to Hex 70FBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70FBFF }
```

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

```
.background{ background-color:#70FBFF }
```

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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