

Converting Colors

Hex(70FF6B)

Have a look what the booklet for
Hex(70FF6B) contains.

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Color

Hex(70FF6B)

Conversions

Conversions Part 1

Format	Color
Hex	70FF6B
RGB	112, 255, 107
RGB Percent	44%, 100%, 42%
CMY	0.5608, 0.0000, 0.5804
CMYK	0.56, 0.00, 0.58, 0.00
HSL	118°, 100%, 71%
HSV	118°, 58%, 100%
XYZ	45.0959, 76.0263, 26.2077
YIQ	195.3710, -37.7200, -76.3440

Conversions

Conversions Part 2

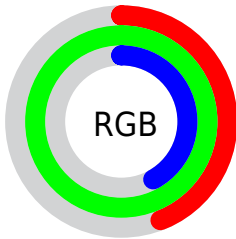
Format	Color
RYB	107, 255, 250
Decimal	7405419
CIELab	89.87, -66.37, 58.13
CIELCh	90, 88.225, 138.787
Yxy	76.0263, 0.3061, 0.5160
Android (android.graphics.Color)	4285595499 (0xFF70FF6B)
YUV	195.3710, -43.5669, -73.1164
Hunter-Lab	87.1931, -60.2683, 43.2143

Details

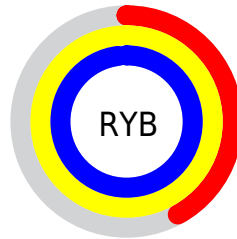
The Hex color **70FF6B** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FA6BFF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **AFFFA2**, and **24C534** is the 20% darker color. If you saturate the color by 10%, you get **57FF52**, and if you desaturate by 10%, it is **89FF85**.

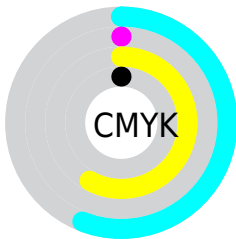
Distribution



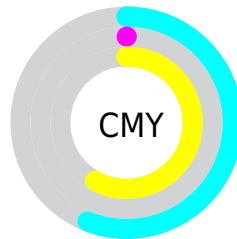
- Red (44%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (98%)



- Cyan (56%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70FF6B 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 70FF6B by changing the saturation by 10% instead.

 70FF6B

 70FF6B

FFFFFF

 4EE250

 AEFFA2

 24C534

 CDFFBE

 00A911

 ECFFDB

 008E00

 FFFFF9

 007300

 005900

 004000

 002800

 000000

 70FF6B

 70FF6B

 57FF52

 89FF85

 3FFF38

 A1FF9E

 26FF1F

 BAFFB8

 0DFF05

 D3FFD1

 09FF00

 EBFFEB

FFFFFF

Harmonies

Analogous

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



D9EE24



70FF6B



00FFBE

Triad

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



70FF6B



00F5FF



FF92B1

Complementary

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



70FF6B



FA6BFF

Split Complementary

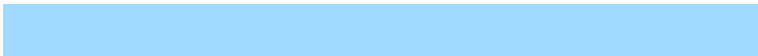
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF93FF



70FF6B



A2D9FF

Square

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



70FF6B



00FFFF



FFB3FF



FFB064

Rectangle

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



70FF6B



00FFF9



FFB3FF



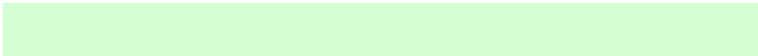
FF8ECD

Sweetspot

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



70FF6B



D5FFD4



FFF86B



678066



000000



808080

Same Dimension

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



70FF6B



53FF4D



6BFFAE



738073



06BF00



024000

Inverse Universe

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



FA6BFF



F94DFF



FF6BBC



7F7380



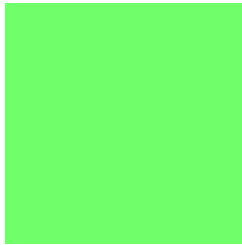
B900BF



3E0040

Previews

White Background



This preview shows how the Hex color 70FF6B looks on a white background.

Color Contrast Check

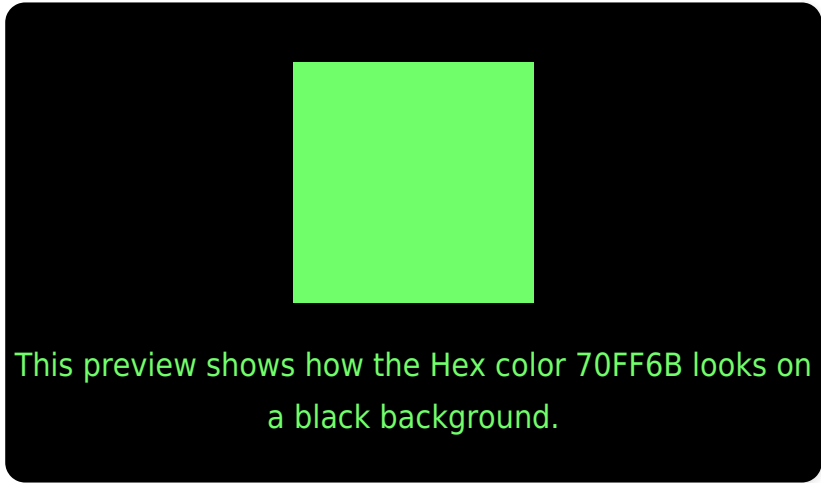
Large Text (above 18pt) WCAG AA × Fail

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

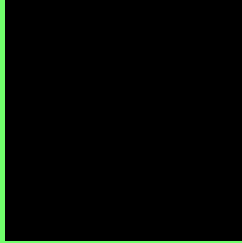
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

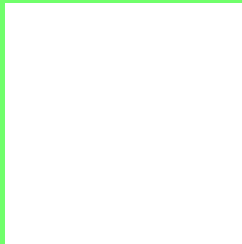
Any Text WCAG AAA ✓ Pass

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

Hex 70FF6B Background



This preview shows how black text looks on a background with the Hex color 70FF6B.

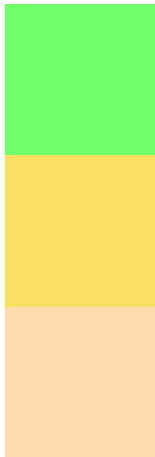


This preview shows how white text looks on a background with the Hex color 70FF6B.

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](#).

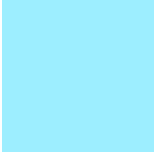
Dichromacy



Original Color
70FF6B

Protanopia
F9E062

Deuteranopia
FFDAAD



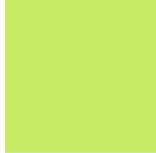
Tritanopia
9DEEFF

Trichromacy



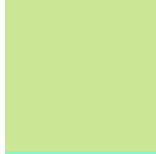
Original Color

70FF6B



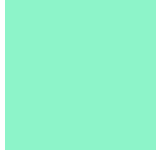
Protanomaly

C7EB65



Deuteranomaly

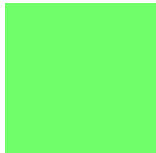
CBE795



Tritanomaly

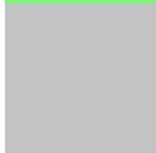
8DF4C9

Monochromacy



Original Color

70FF6B



Achromatopsia

C3C3C3



Achromatomaly

A5D9A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 70FF6B 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 #70FF6B looks like.

```
.text, #text, p{  
    color:#70FF6B  
}
```

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 #70FF6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70FF6B
}
```

Border

The CSS property to change the border of an element to Hex 70FF6B 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
#70FF6B }
```

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

```
.border{ border-color:#70FF6B }
```

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

Here you see how a box with a 4 pixel #70FF6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70FF6B; -webkit-box-shadow:4px 4px  
4px 4px #70FF6B; box-shadow:4px 4px 4px  
4px #70FF6B }
```

Background

The CSS property to change the background color of an element to Hex 70FF6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70FF6B }
```

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

```
.background{ background-color:#70FF6B }
```

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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