

Converting Colors

Hex(70FF70)

Have a look what the booklet for
Hex(70FF70) contains.

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Color

Hex(70FF70)

Conversions

Conversions Part 1

Format	Color
Hex	70FF70
RGB	112, 255, 112
RGB Percent	44%, 100%, 44%
CMY	0.5608, 0.0000, 0.5608
CMYK	0.56, 0.00, 0.56, 0.00
HSL	120°, 100%, 72%
HSV	120°, 56%, 100%
XYZ	45.3667, 76.1346, 27.6336
YIQ	195.9410, -39.3250, -74.7890

Conversions

Conversions Part 2

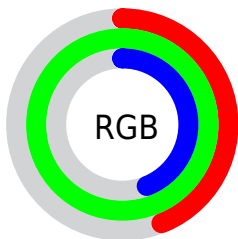
Format	Color
RYB	112, 255, 255
Decimal	7405424
CIELab	89.92, -65.81, 56.00
CIELCh	90, 86.407, 139.604
Yxy	76.1346, 0.3042, 0.5105
Android (android.graphics.Color)	4285595504 (0xFF70FF70)
YUV	195.9410, -41.3829, -73.6163
Hunter-Lab	87.2551, -59.8887, 42.3015

Details

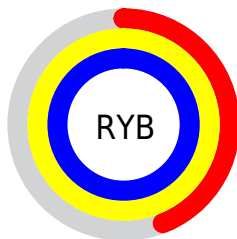
The Hex color **70FF70** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF70FF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **AEFFA7**, and **25C539** is the 20% darker color. If you saturate the color by 10%, you get **57FF57**, and if you desaturate by 10%, it is **8AFF8A**.

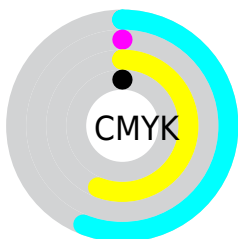
Distribution



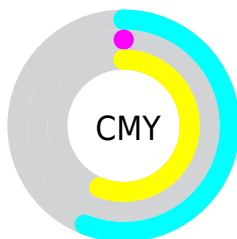
- Red (44%)
- Green (100%)
- Blue (44%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 70FF70 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 70FF70 by changing the saturation by 10% instead.

 70FF70

 70FF70

FFFFFF

 4FE255

 AEFFA7

 25C539

 CDFFC3

 00A91B

 EBFEE0


 008E00

FFFFFFD

 007300

 005900

 004000

 002800

 000000

 70FF70

 70FF70

 57FF57

 8AFF8A

 3DFF3D

 A3FFA3

 23FF23

 BDFFBD

 0AFF0A

 D6FFD6

 00FF00

 F0FFF0

FFFFFF

Harmonies

Analogous

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



D8EE2E



70FF70



00FFC2

Triad

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



70FF70



00F4FF



FF95B0

Complementary

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



70FF70



FF70FF

Split Complementary

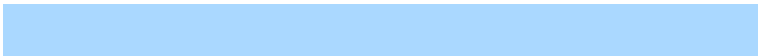
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF95FF



70FF70



AAD8FF

Square

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



70FF70



00FFFF



FFB4FF



FFB265

Rectangle

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



70FF70



00FFFB



FFB4FF



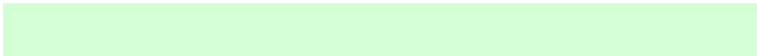
FF91CB

Sweetspot

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



70FF70



D4FFD4



FFFF70



668066



000000



808080

Same Dimension

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



70FF70



54FF54



70FFB8



738073



00BF00



004000

Inverse Universe

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



FF70FF



FF54FF



FF70B8



807380



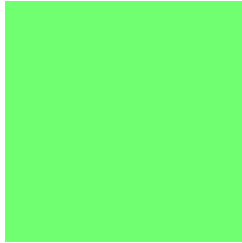
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 70FF70 looks on a white background.

Color Contrast Check

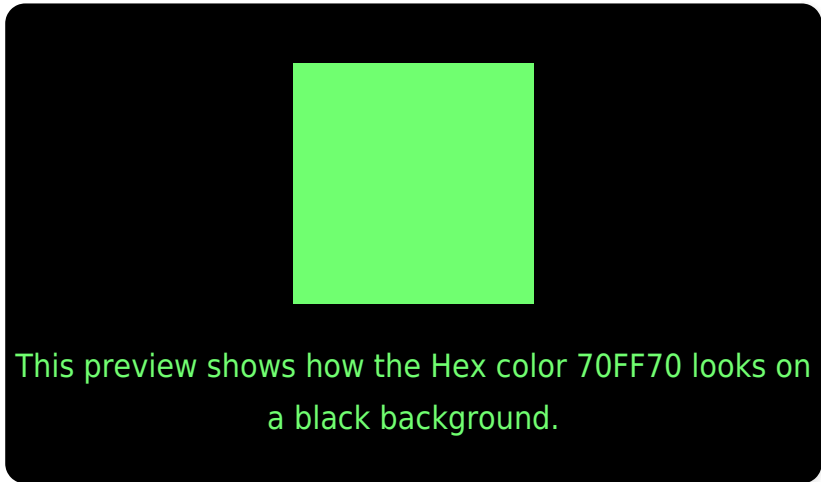
Large Text (above 18pt) WCAG AA × Fail

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

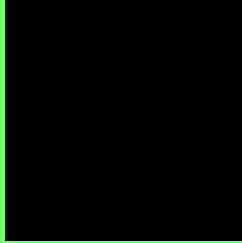
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

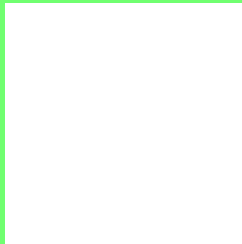
Any Text WCAG AAA ✓ Pass

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

Hex 70FF70 Background



This preview shows how black text looks on a background with the Hex color 70FF70.

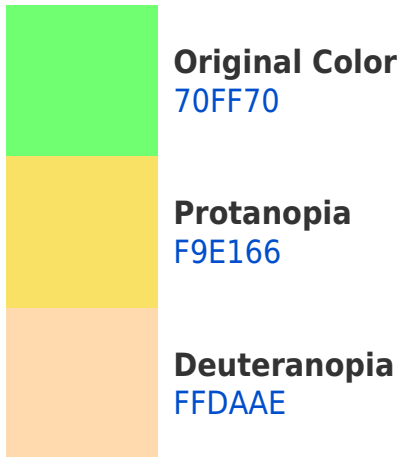


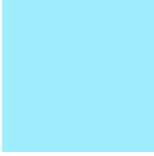
This preview shows how white text looks on a background with the Hex color 70FF70.

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
9EEEF

Trichromacy



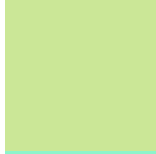
Original Color

70FF70



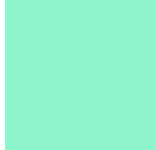
Protanomaly

C7EC6A



Deuteranomaly

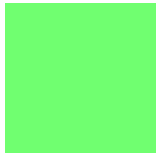
CBE797



Tritanomaly

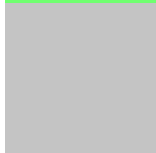
8DF4CB

Monochromacy



Original Color

70FF70



Achromatopsia

C4C4C4



Achromatomaly

A5D9A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 70FF70 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 #70FF70 looks like.

```
.text, #text, p{  
    color:#70FF70  
}
```

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 #70FF70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70FF70
}
```

Border

The CSS property to change the border of an element to Hex 70FF70 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
#70FF70 }
```

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

```
.border{ border-color:#70FF70 }
```

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

Here you see how a box with a 4 pixel #70FF70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70FF70; -webkit-box-shadow:4px 4px  
4px 4px #70FF70; box-shadow:4px 4px 4px  
4px #70FF70 }
```

Background

The CSS property to change the background color of an element to Hex 70FF70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70FF70 }
```

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

```
.background{ background-color:#70FF70 }
```

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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