

Converting Colors

Hex(70FF42)

Have a look what the booklet for
Hex(70FF42) contains.

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Color

Hex(70FF42)

Conversions

Conversions Part 1

Format	Color
Hex	70FF42
RGB	112, 255, 66
RGB Percent	44%, 100%, 26%
CMY	0.5608, 0.0000, 0.7412
CMYK	0.56, 0.00, 0.74, 0.00
HSL	105°, 100%, 63%
HSV	105°, 74%, 100%
XYZ	43.4255, 75.3581, 17.4111
YIQ	190.6970, -24.5590, -89.0950

Conversions

Conversions Part 2

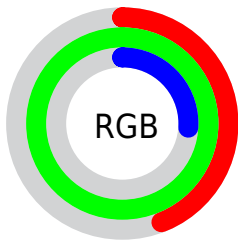
Format	Color
RYB	66, 255, 209
Decimal	7405378
CIELab	89.56, -69.90, 73.45
CIELCh	90, 101.394, 133.585
Yxy	75.3581, 0.3188, 0.5533
Android (android.graphics.Color)	4285595458 (0xFF70FF42)
YUV	190.6970, -61.4756, -69.0173
Hunter-Lab	86.8090, -62.6228, 48.8747

Details

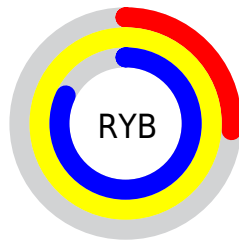
The Hex color **70FF42** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **D142FF**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B0FF7D**, and **1FC500** is the 20% darker color. If you saturate the color by 10%, you get **5DFF28**, and if you desaturate by 10%, it is **83FF5B**.

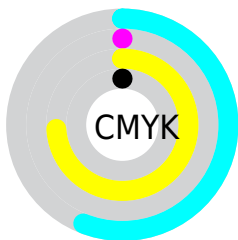
Distribution



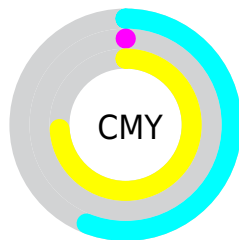
- Red (44%)
- Green (100%)
- Blue (26%)



- Red (26%)
- Yellow (100%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (74%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70FF42 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 70FF42 by changing the saturation by 10% instead.

 70FF42

 70FF42

FFFFFF

 4DE21D

 B0FF7D

 1FC500

 CFFF9A

 00A900

 EEFFB7

 008D00

 FFFFD5

 007300

 FFFFF2

 005900

 004000

 002700

 000000

 70FF42

 70FF42

 5DFF28

 83FF5B

 49FF0F

 97FF75

 3EFF00

 AAFF8F

 BDFFA8

 D0FFC2

 E4FFDB

 F7FFF4

FFFFFF

Harmonies

Analogous

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



E4EA00



70FF42



00FFA7

Triad

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



70FF42



00FBFF



FF78B9

Complementary

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



70FF42



D142FF

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.



FF83FF



70FF42



3EDEFF

Square

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



70FF42



00FFFF



FFB1FF



FF9C5E

Rectangle

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



70FF42



00FFEA



FFB1FF



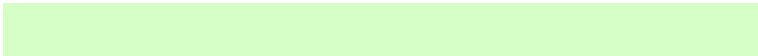
FF75DA

Sweetspot

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



70FF42



D5FFC7



FFD042



66805E



000000



808080

Same Dimension

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



70FF42



53FF1C



42FF71



768073



2FBF00



104000

Inverse Universe

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



D142FF



C81CFF



FF42D0



7C7380



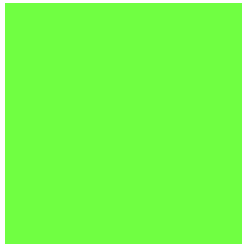
9100BF



300040

Previews

White Background



This preview shows how the Hex color 70FF42 looks on a white background.

Color Contrast Check

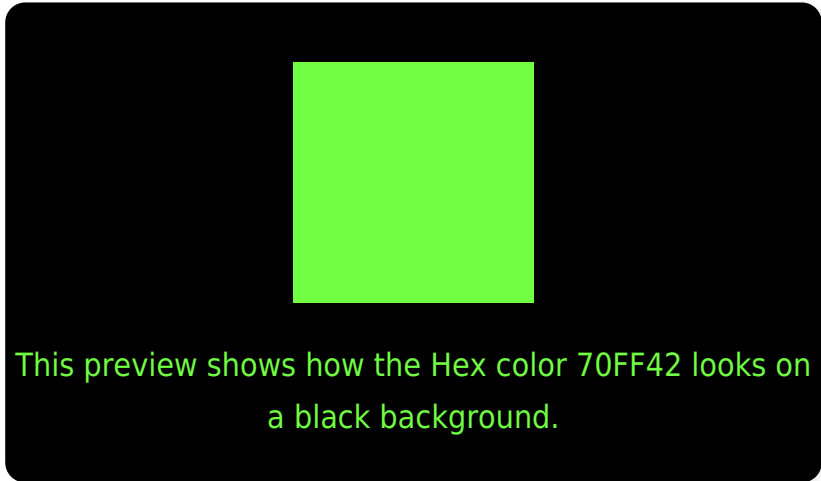
Large Text (above 18pt) WCAG AA × Fail

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

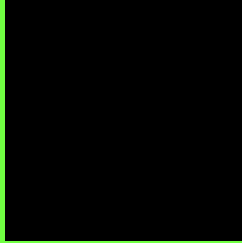
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

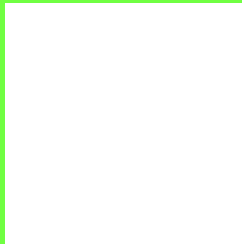
Any Text WCAG AAA ✓ Pass

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

Hex 70FF42 Background



This preview shows how black text looks on a background with the Hex color 70FF42.

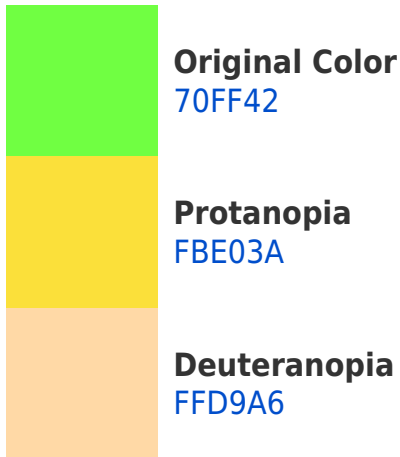


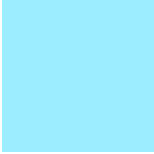
This preview shows how white text looks on a background with the Hex color 70FF42.

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





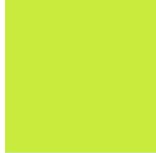
Tritanopia
9BEDFF

Trichromacy



Original Color

70FF42



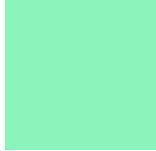
Protanomaly

C8EB3D



Deuteranomaly

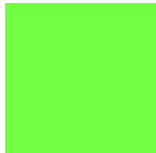
CBE782



Tritanomaly

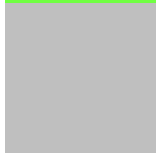
8BF4BA

Monochromacy



Original Color

70FF42



Achromatopsia

BFBFBF



Achromatomaly

A2D692

CSS Examples

Text

The CSS property to change the color of the text to Hex 70FF42 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 #70FF42 looks like.

```
.text, #text, p{  
    color:#70FF42  
}
```

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 #70FF42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70FF42
}
```

Border

The CSS property to change the border of an element to Hex 70FF42 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
#70FF42 }
```

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

```
.border{ border-color:#70FF42 }
```

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

Here you see how a box with a 4 pixel #70FF42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70FF42; -webkit-box-shadow:4px 4px  
4px 4px #70FF42; box-shadow:4px 4px 4px  
4px #70FF42 }
```

Background

The CSS property to change the background color of an element to Hex 70FF42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70FF42 }
```

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

```
.background{ background-color:#70FF42 }
```

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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