

Converting Colors

Hex(75FF43)

Have a look what the booklet for
Hex(75FF43) contains.

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Color

Hex(75FF43)

Conversions

Conversions Part 1

Format	Color
Hex	75FF43
RGB	117, 255, 67
RGB Percent	46%, 100%, 26%
CMY	0.5412, 0.0000, 0.7373
CMYK	0.54, 0.00, 0.74, 0.00
HSL	104°, 100%, 63%
HSV	104°, 74%, 100%
XYZ	44.1092, 75.7072, 17.5983
YIQ	192.3060, -21.9000, -87.7240

Conversions

Conversions Part 2

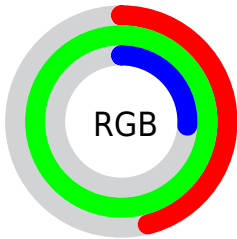
Format	Color
RYB	67, 255, 205
Decimal	7733059
CIELab	89.72, -68.59, 73.34
CIELCh	90, 100.417, 133.086
Yxy	75.7072, 0.3210, 0.5509
Android (android.graphics.Color)	4285923139 (0xFF75FF43)
YUV	192.3060, -61.7759, -66.0434
Hunter-Lab	87.0099, -61.7775, 48.9151

Details

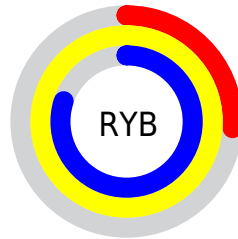
The Hex color **75FF43** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **CD43FF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B4FF7E**, and **2AC500** is the 20% darker color. If you saturate the color by 10%, you get **62FF29**, and if you desaturate by 10%, it is **88FF5C**.

Distribution



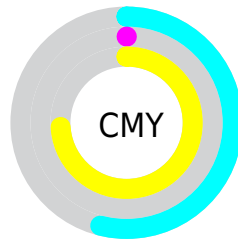
- Red (46%)
- Green (100%)
- Blue (26%)



- Red (26%)
- Yellow (100%)
- Blue (80%)



- Cyan (54%)
- Magenta (0%)
- Yellow (74%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75FF43 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 75FF43 by changing the saturation by 10% instead.

 75FF43

 75FF43

FFFFFF

 53E21F

 B4FF7E

 2AC500

 D3FF9B

 00A900

 F2FFB8

 008E00

 FFFFD5

 007300

 FFFFF3

 005900

 004000

 002700

 000000

 75FF43

 75FF43

 62FF29

 88FF5C

 50FF10

 9AFF76

 44FF00

 ADFF90

 C0FFA9

 D3FFC3

 E5FFDC

 F8FFF5

FFFFFF

Harmonies

Analogous

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



E7EA00



75FF43



00FFA6

Triad

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



75FF43



00FCFF



FF7ABC

Complementary

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



75FF43



CD43FF

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.



FF85FF



75FF43



3BDFFF

Square

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



75FF43



00FFFF



FFB3FF



FF9D61

Rectangle

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



75FF43



00FFE9



FFB3FF



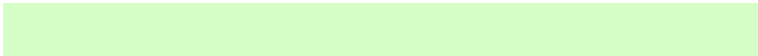
FF77DC

Sweetspot

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



75FF43



D6FFC7



FFCD43



67805E



000000



808080

Same Dimension

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



75FF43



5AFF1F



43FF6F



768073



33BF00



114000

Inverse Universe

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



CD43FF



C31FFF



FF43D3



7C7380



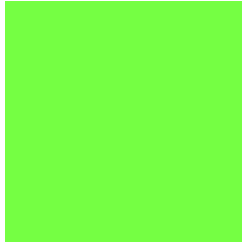
8C00BF



2F0040

Previews

White Background



This preview shows how the Hex color 75FF43 looks on a white background.

Color Contrast Check

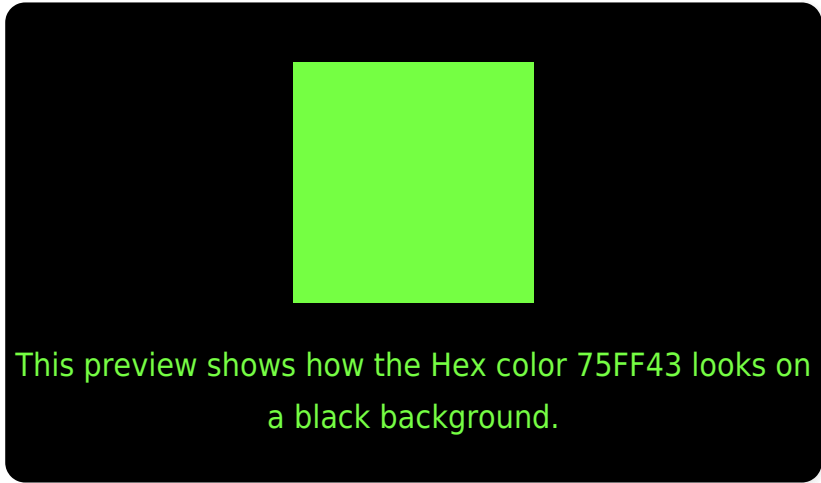
Large Text (above 18pt) WCAG AA × Fail

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

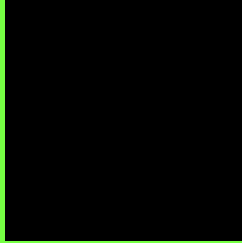
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

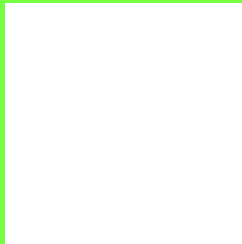
Any Text WCAG AAA ✓ Pass

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

Hex 75FF43 Background



This preview shows how black text looks on a background with the Hex color 75FF43.

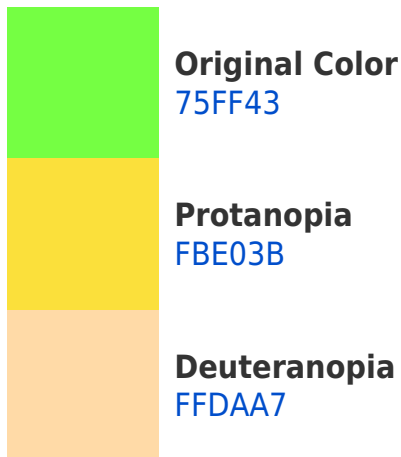


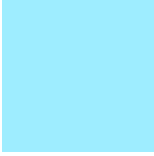
This preview shows how white text looks on a background with the Hex color 75FF43.

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](#).

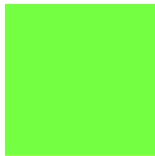
Dichromacy





Tritanopia
9EEDFF

Trichromacy



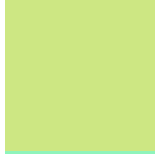
Original Color

75FF43



Protanomaly

CAEB3E



Deuteranomaly

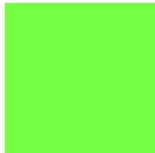
CDE783



Tritanomaly

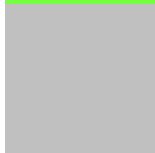
8FF4BB

Monochromacy



Original Color

75FF43



Achromatopsia

C0C0C0



Achromatomaly

A5D793

CSS Examples

Text

The CSS property to change the color of the text to Hex 75FF43 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 #75FF43 looks like.

```
.text, #text, p{  
    color:#75FF43  
}
```

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 #75FF43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75FF43
}
```

Border

The CSS property to change the border of an element to Hex 75FF43 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
#75FF43 }
```

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

```
.border{ border-color:#75FF43 }
```

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

Here you see how a box with a 4 pixel #75FF43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75FF43; -webkit-box-shadow:4px 4px  
4px 4px #75FF43; box-shadow:4px 4px 4px  
4px #75FF43 }
```

Background

The CSS property to change the background color of an element to Hex 75FF43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75FF43 }
```

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

```
.background{ background-color:#75FF43 }
```

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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