

Converting Colors

Hex(71FF33)

Have a look what the booklet for
Hex(71FF33) contains.

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Color

Hex(71FF33)

Conversions

Conversions Part 1

Format	Color
Hex	71FF33
RGB	113, 255, 51
RGB Percent	44%, 100%, 20%
CMY	0.5569, 0.0000, 0.8000
CMYK	0.56, 0.00, 0.80, 0.00
HSL	102°, 100%, 60%
HSV	102°, 80%, 100%
XYZ	43.1676, 75.2697, 15.3853
YIQ	189.2860, -19.1480, -93.5480

Conversions

Conversions Part 2

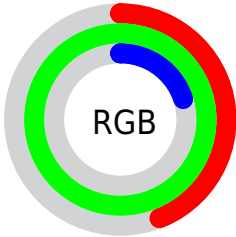
Format	Color
RYB	51, 255, 193
Decimal	7470899
CIELab	89.52, -70.49, 77.76
CIELCh	90, 104.953, 132.193
Yxy	75.2697, 0.3226, 0.5625
Android (android.graphics.Color)	4285660979 (0xFF71FF33)
YUV	189.2860, -68.1750, -66.9028
Hunter-Lab	86.7581, -63.0118, 50.2165

Details

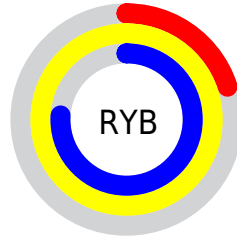
The Hex color **71FF33** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **C133FF**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B1FF72**, and **1FC500** is the 20% darker color. If you saturate the color by 10%, you get **5FFF19**, and if you desaturate by 10%, it is **83FF4D**.

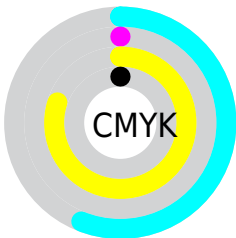
Distribution



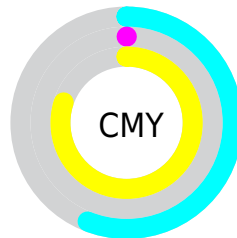
- Red (44%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71FF33 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 71FF33 by changing the saturation by 10% instead.

 71FF33

 71FF33

FFFFFF

 4EE200


 B1FF72

 1FC500

 D0FF90

 00A900

 EFFFAD

 008D00


 FFFFCA

 007300

 FFFF E8

 005800

 004000

 002700

 000000

 71FF33

 71FF33

 5FFF19

 83FF4D

 4DFF00

 94FF66

 A6FF80

 B8FF99

 CAFFB3

 DBFFCC

 EDFFE6

FFFFFF

Harmonies

Analogous

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



E8E900



71FF33



00FFA0

Triad

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



71FF33



00DFFF



FF6FBD

Complementary

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



71FF33



C133FF

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.



FF7EFF



71FF33



00E0FF

Square

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



71FF33



00FFFF



FFB2FF



FF965D

Rectangle

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



71FF33



00FFE6



FFB2FF



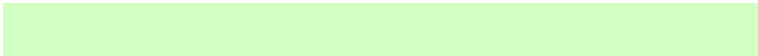
FF6DDE

Sweetspot

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



71FF33



D4FFC2



FFBE33



66805B



000000



808080

Same Dimension

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



71FF33



55FF0A



33FF58



778073



3ABF00



134000

Inverse Universe

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



C133FF



B50AFF



FF33DA



7C7380



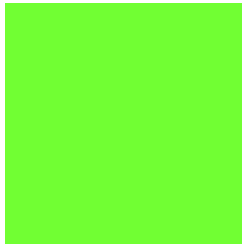
8500BF



2C0040

Previews

White Background



This preview shows how the Hex color 71FF33 looks on a white background.

Color Contrast Check

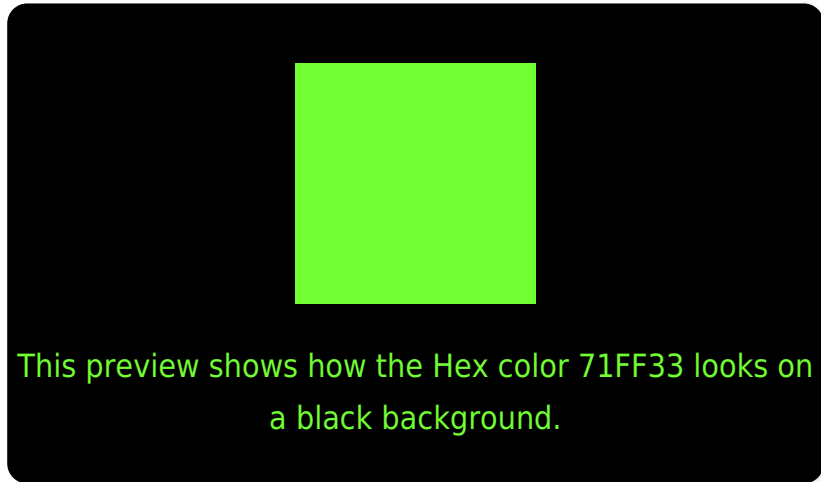
Large Text (above 18pt) WCAG AA × Fail

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

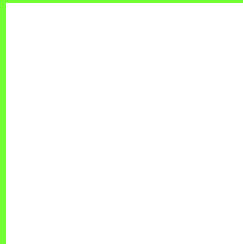
Any Text WCAG AAA ✓ Pass

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

Hex 71FF33 Background



This preview shows how black text looks on a background with the Hex color 71FF33.

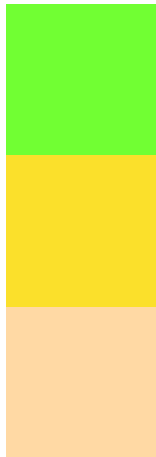


This preview shows how white text looks on a background with the Hex color 71FF33.

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](#).

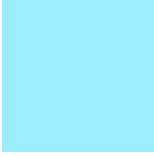
Dichromacy



Original Color
71FF33

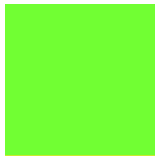
Protanopia
FBE02B

Deuteranopia
FFD9A4



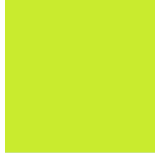
Tritanopia
9BEDFF

Trichromacy



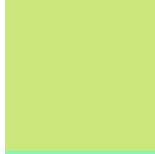
Original Color

71FF33



Protanomaly

C9EB2E



Deuteranomaly

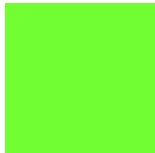
CBE77B



Tritanomaly

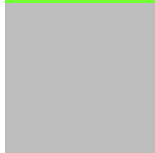
8CF4B5

Monochromacy



Original Color

71FF33



Achromatopsia

BDBDBD



Achromatomaly

A1D58B

CSS Examples

Text

The CSS property to change the color of the text to Hex 71FF33 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 #71FF33 looks like.

```
.text, #text, p{  
    color:#71FF33  
}
```

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 #71FF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71FF33
}
```

Border

The CSS property to change the border of an element to Hex 71FF33 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
#71FF33 }
```

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

```
.border{ border-color:#71FF33 }
```

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

Here you see how a box with a 4 pixel #71FF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71FF33; -webkit-box-shadow:4px 4px  
4px 4px #71FF33; box-shadow:4px 4px 4px  
4px #71FF33 }
```

Background

The CSS property to change the background color of an element to Hex 71FF33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71FF33 }
```

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

```
.background{ background-color:#71FF33 }
```

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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