

Converting Colors

Hex(71FC53)

Have a look what the booklet for
Hex(71FC53) contains.

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Color

Hex(71FC53)

Conversions

Conversions Part 1

Format	Color
Hex	71FC53
RGB	113, 252, 83
RGB Percent	44%, 99%, 33%
CMY	0.5569, 0.0118, 0.6745
CMYK	0.55, 0.00, 0.67, 0.01
HSL	109°, 97%, 66%
HSV	109°, 67%, 99%
XYZ	43.1818, 73.7561, 20.1440
YIQ	191.1730, -28.5950, -82.0270

Conversions

Conversions Part 2

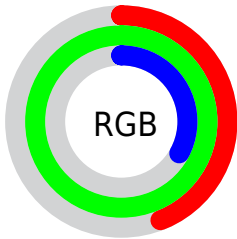
Format	Color
RYB	83, 252, 222
Decimal	7470163
CIELab	88.81, -67.38, 66.74
CIELCh	89, 94.837, 135.272
Yxy	73.7561, 0.3150, 0.5380
Android (android.graphics.Color)	4285660243 (0xFF71FC53)
YUV	191.1730, -53.3293, -68.5577
Hunter-Lab	85.8813, -60.5412, 46.2101

Details

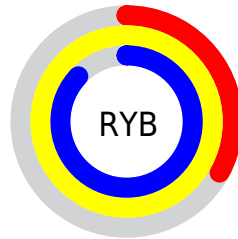
The Hex color **71FC53** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **DE53FC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **AFFF8C**, and **25C20C** is the 20% darker color. If you saturate the color by 10%, you get **5CFC3A**, and if you desaturate by 10%, it is **86FC6C**.

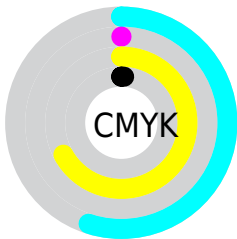
Distribution



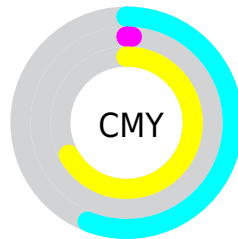
- Red (44%)
- Green (99%)
- Blue (33%)



- Red (33%)
- Yellow (99%)
- Blue (87%)



- Cyan (55%)
- Magenta (0%)
- Yellow (67%)
- Black (1%)



- Cyan (56%)
- Magenta (1%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71FC53 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 71FC53 by changing the saturation by 10% instead.

 71FC53

FFFFFF

 AFFF8C

 CEFFA8

 EDFFC5

 FFFFE2

 71FC53

 4FDF35

 25C20C

 00A600

 008B00

 007000

 005600

 003E00

 002500

 000000

 71FC53

 71FC53

 5CFC3A

 86FC6C

 48FC21

 9AFC85

 33FC07

 AFFC9F

 2DFC00

 C4FCB8

 D9FCD1

 EDFCEA

 FFFCFF

Harmonies

Analogous

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



DEE900



71FC53



00FFAE

Triad

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



71FC53



00F6FF



FF82B5

Complementary

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



71FC53



DE53FC

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.



FF89FF



71FC53



72DAFF

Square

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



71FC53



00FFFF



FFB1FF



FFA360

Rectangle

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



71FC53



00FFED



FFB1FF



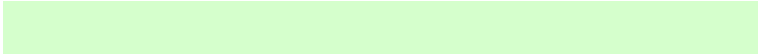
FF7FD3

Sweetspot

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



71FC53



D5FFCC



FCDD53



668061



000000



808080

Same Dimension

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



71FC53



57FF33



53FC89



737D70



21BD00



0B3D00

Inverse Universe

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



DE53FC



DB33FF



FC53C6



7B707D



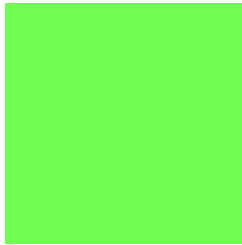
9B00BD



32003D

Previews

White Background



This preview shows how the Hex color 71FC53 looks on a white background.

Color Contrast Check

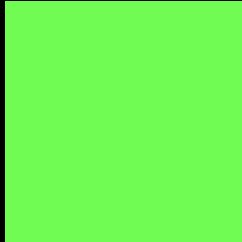
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 71FC53 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

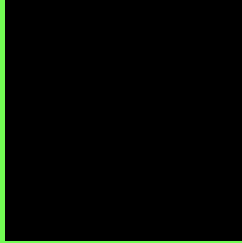
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

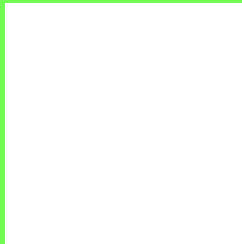
Any Text WCAG AAA ✓ Pass

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

Hex 71FC53 Background



This preview shows how black text looks on a background with the Hex color 71FC53.

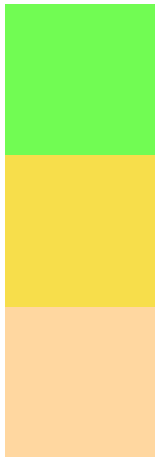


This preview shows how white text looks on a background with the Hex color 71FC53.

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](#).

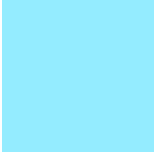
Dichromacy



Original Color
E67E22

Protanopia
F7DE4B

Deuteranopia
FFD7A0

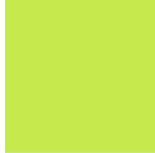


Tritanopia
94ECFF

Trichromacy



Original Color
71FC53



Protanomaly
C6E94E

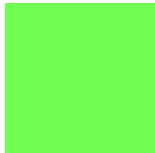


Deuteranomaly
CBE484

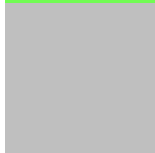


Tritanomaly
87F2C0

Monochromacy



Original Color
71FC53



Achromatopsia
BFBFBF



Achromatomaly
A3D598

CSS Examples

Text

The CSS property to change the color of the text to Hex 71FC53 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 #71FC53 looks like.

```
.text, #text, p{  
    color:#71FC53  
}
```

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 #71FC53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71FC53
}
```

Border

The CSS property to change the border of an element to Hex 71FC53 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
#71FC53 }
```

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

```
.border{ border-color:#71FC53 }
```

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

Here you see how a box with a 4 pixel #71FC53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71FC53; -webkit-box-shadow:4px 4px  
4px 4px #71FC53; box-shadow:4px 4px 4px  
4px #71FC53 }
```

Background

The CSS property to change the background color of an element to Hex 71FC53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71FC53 }
```

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

```
.background{ background-color:#71FC53 }
```

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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