

Converting Colors

Hex(70C353)

Have a look what the booklet for
Hex(70C353) contains.

Hex(70C353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70C353)

Conversions

Conversions Part 1

Format	Color
Hex	70C353
RGB	112, 195, 83
RGB Percent	44%, 76%, 33%
CMY	0.5608, 0.2353, 0.6745
CMYK	0.43, 0.00, 0.57, 0.24
HSL	104°, 48%, 55%
HSV	104°, 57%, 76%
XYZ	27.7585, 43.0995, 15.0396
YIQ	157.4150, -13.5160, -52.4280

Conversions

Conversions Part 2

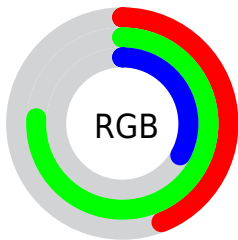
Format	Color
RYB	83, 195, 166
Decimal	7390035
CIELab	71.62, -45.95, 47.69
CIELCh	72, 66.224, 133.936
Yxy	43.0995, 0.3232, 0.5018
Android (android.graphics.Color)	4285580115 (0xFF70C353)
YUV	157.4150, -36.6866, -39.8290
Hunter-Lab	65.6502, -39.4136, 32.3726

Details

The Hex color **70C353** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **A653C3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A8FC88**, and **378D1E** is the 20% darker color. If you saturate the color by 10%, you get **62C340**, and if you desaturate by 10%, it is **7EC367**.

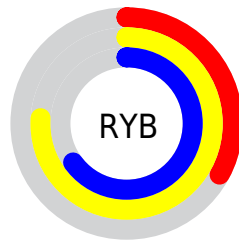
Distribution



Red (44%)

Green (76%)

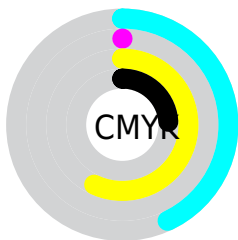
Blue (33%)



Red (33%)

Yellow (76%)

Blue (65%)

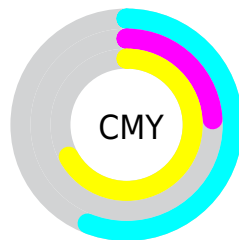


Cyan (43%)

Magenta (0%)

Yellow (57%)

Black (24%)



Cyan (56%)

Magenta (24%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70C353 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 70C353 by changing the saturation by 10% instead.

 70C353

 70C353

FFFFFF

 54A739

 A8FC88

 378D1E

 C5FFA3

 137200

 E2FFBF

 005900

 FFFFDB

 004100

 FFFFF8

 002B00

 000B00

 000000

 70C353

 70C353

■ 62C340

■ 7EC367

■ 53C32C

■ 8DC37A

■ 45C318

■ 9BC38E

■ 36C305

■ AAC3A1

■ 32C300

■ B8C3B5

■ C7C3C8

■ D5C3DB

■ E4C3EF

■ F2C3FF

Harmonies

Analogous

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



B5B52D



70C353



00CA8C

Triad

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



70C353



00BFFF



FF7896

Complementary

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



70C353



A653C3

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.



FF7CD2



70C353



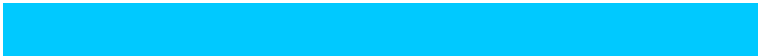
70ADFF

Square

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



70C353



00C9FF



D793FF



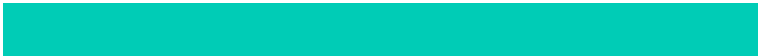
FF885E

Rectangle

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



70C353



00CCB6



D793FF



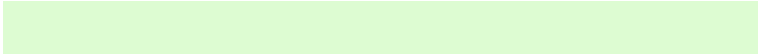
FF76AA

Sweetspot

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



70C353



DDFCD2



C3A553



6D8066



000000



808080

Same Dimension

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



70C353



7BFC4E



53C36D



5A6157



2AA100



092100

Inverse Universe

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



A653C3



CF4EFC



C353A9



5E5761



7700A1



190021

Previews

White Background



This preview shows how the Hex color 70C353 looks on a white background.

Color Contrast Check

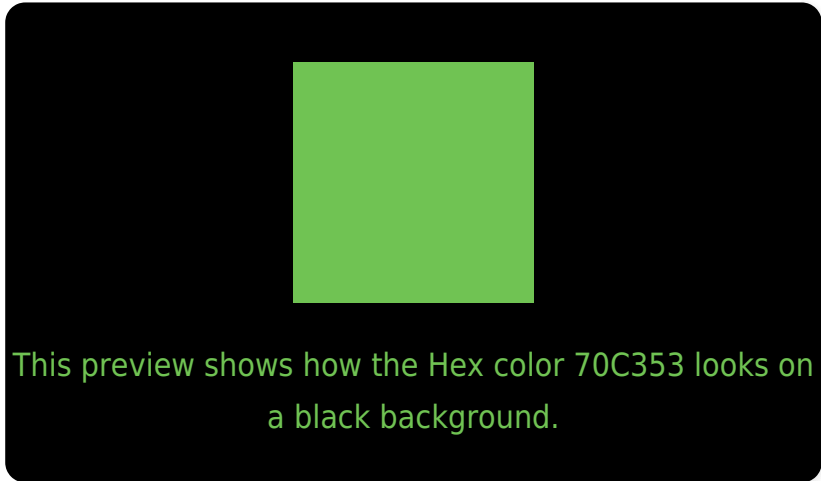
Large Text (above 18pt) WCAG AA × Fail

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 70C353 Background



This preview shows how black text looks on a background with the Hex color 70C353.

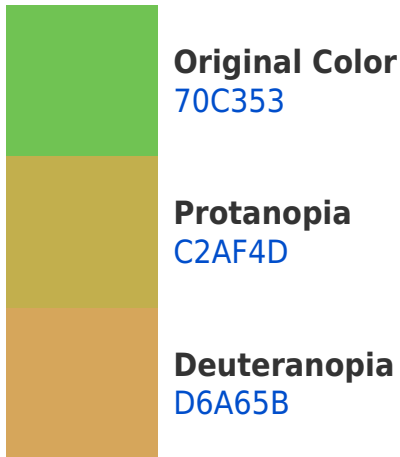


This preview shows how white text looks on a background with the Hex color 70C353.

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
84B7C6

Trichromacy



Original Color
70C353



Protanomaly
A4B64F



Deuteranomaly
B1B158



Tritanomaly
7DDB9C

Monochromacy



Original Color
70C353



Achromatopsia
9D9D9D



Achromatomaly
8DAB82

CSS Examples

Text

The CSS property to change the color of the text to Hex 70C353 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 #70C353 looks like.

```
.text, #text, p{  
    color:#70C353  
}
```

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 #70C353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C353
}
```

Border

The CSS property to change the border of an element to Hex 70C353 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
#70C353 }
```

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

```
.border{ border-color:#70C353 }
```

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

Here you see how a box with a 4 pixel #70C353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C353; -webkit-box-shadow:4px 4px  
4px 4px #70C353; box-shadow:4px 4px 4px  
4px #70C353 }
```

Background

The CSS property to change the background color of an element to Hex 70C353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C353 }
```

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

```
.background{ background-color:#70C353 }
```

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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