

Converting Colors

Hex(70D651)

Have a look what the booklet for
Hex(70D651) contains.

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Color

Hex(70D651)

Conversions

Conversions Part 1

Format	Color
Hex	70D651
RGB	112, 214, 81
RGB Percent	44%, 84%, 32%
CMY	0.5608, 0.1608, 0.6824
CMYK	0.48, 0.00, 0.62, 0.16
HSL	106°, 62%, 58%
HSV	106°, 62%, 84%
XYZ	32.2139, 52.1320, 16.1492
YIQ	168.3400, -18.0990, -62.9870

Conversions

Conversions Part 2

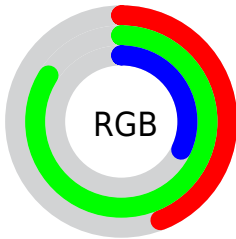
Format	Color
RYB	81, 214, 183
Decimal	7394897
CIELab	77.36, -53.80, 55.10
CIELCh	77, 77.011, 134.319
Yxy	52.1320, 0.3206, 0.5188
Android (android.graphics.Color)	4285584977 (0xFF70D651)
YUV	168.3400, -43.0586, -49.4102
Hunter-Lab	72.2025, -46.7147, 37.2806

Details

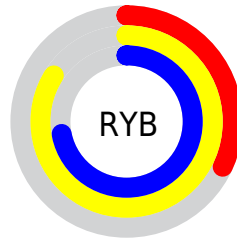
The Hex color **70D651** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **B751D6**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **AAFF87**, and **329E17** is the 20% darker color. If you saturate the color by 10%, you get **60D63C**, and if you desaturate by 10%, it is **80D666**.

Distribution



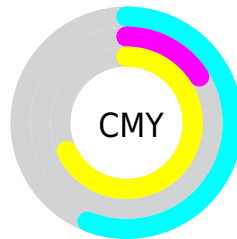
- Red (44%)
- Green (84%)
- Blue (32%)



- Red (32%)
- Yellow (84%)
- Blue (72%)



- Cyan (48%)
- Magenta (0%)
- Yellow (62%)
- Black (16%)



- Cyan (56%)
- Magenta (16%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70D651 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 70D651 by changing the saturation by 10% instead.

 70D651

 70D651

FFFFFF

 52BA36

 AAFF87

 329E17

 C8FFA3

 008400

 E5FFBF

 006900

 FFFFDB

 005000

 FFFFF8

 003800

 002100

 000000

 70D651

 70D651

 60D63C

 80D666

 4FD626

 91D67C

 3FD611

 A1D691

 32D600

 B2D6A7

 C2D6BC

 D2D6D1

 E3D6E7

 F3D6FC

 FFD6FF

Harmonies

Analogous

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



C3C61A



70D651



00DE96

Triad

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



70D651



00D2FF



FF7AA0

Complementary

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



70D651



B751D6

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.



FF80E8



70D651



6EBCFF

Square

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



70D651



00DDFF



EE9DFF



FF905E

Rectangle

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



70D651



00E1C8



EE9DFF



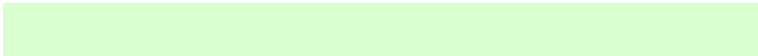
FF78B8

Sweetspot

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



70D651



DAFFCF



D6B751



698062



000000



808080

Same Dimension

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



70D651



6CFF40



51D674



636B60



28AB00



0A2B00

Inverse Universe

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



B751D6



D240FF



D651B3



69606B



8300AB



21002B

Previews

White Background



This preview shows how the Hex color 70D651 looks on a white background.

Color Contrast Check

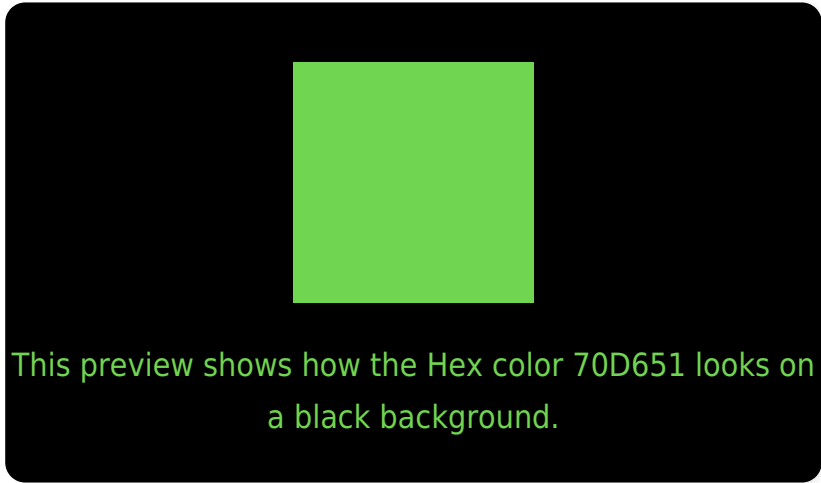
Large Text (above 18pt) WCAG AA × Fail

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

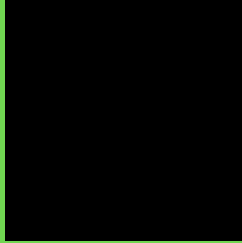
Any Text WCAG AA ✓ Pass

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 70D651 Background



This preview shows how black text looks on a background with the Hex color 70D651.

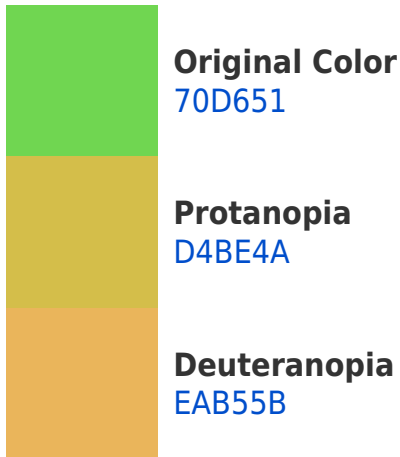


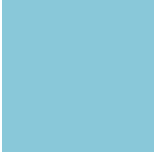
This preview shows how white text looks on a background with the Hex color 70D651.

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](#).

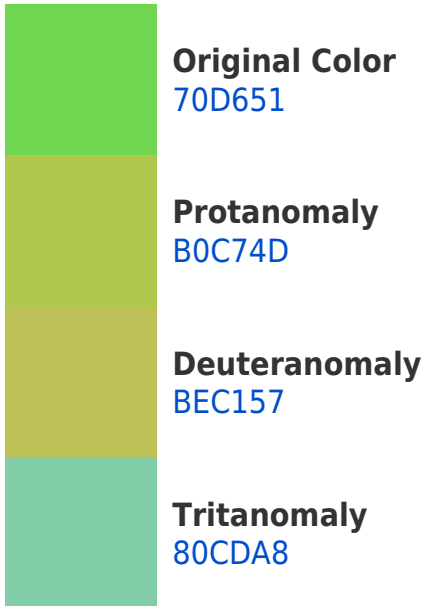
Dichromacy



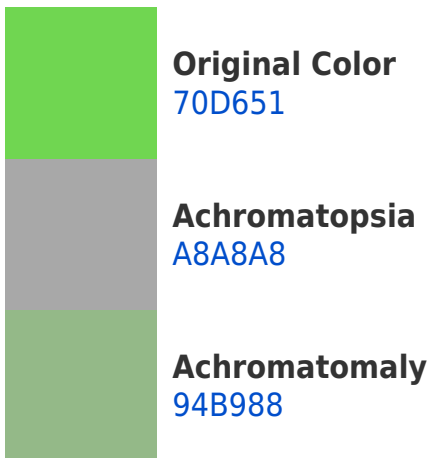


Tritanopia
89C8D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70D651 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 #70D651 looks like.

```
.text, #text, p{  
    color:#70D651  
}
```

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 #70D651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D651
}
```

Border

The CSS property to change the border of an element to Hex 70D651 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
#70D651 }
```

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

```
.border{ border-color:#70D651 }
```

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

Here you see how a box with a 4 pixel #70D651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D651; -webkit-box-shadow:4px 4px  
4px 4px #70D651; box-shadow:4px 4px 4px  
4px #70D651 }
```

Background

The CSS property to change the background color of an element to Hex 70D651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D651 }
```

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

```
.background{ background-color:#70D651 }
```

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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