

Converting Colors

Hex(70D879)

Have a look what the booklet for
Hex(70D879) contains.

Hex(70D879)	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(70D879)

Conversions

Conversions Part 1

Format	Color
Hex	70D879
RGB	112, 216, 121
RGB Percent	44%, 85%, 47%
CMY	0.5608, 0.1529, 0.5255
CMYK	0.48, 0.00, 0.44, 0.15
HSL	125°, 57%, 64%
HSV	125°, 48%, 85%
XYZ	34.6891, 53.9370, 26.6717
YIQ	174.0740, -31.4890, -51.5930

Conversions

Conversions Part 2

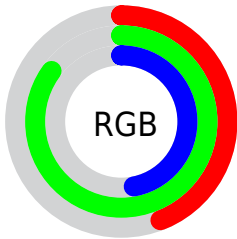
Format	Color
RYB	112, 208, 216
Decimal	7395449
CIELab	78.42, -49.69, 37.66
CIElCh	78, 62.347, 142.838
Yxy	53.9370, 0.3009, 0.4678
Android (android.graphics.Color)	4285585529 (0xFF70D879)
YUV	174.0740, -26.1655, -54.4389
Hunter-Lab	73.4418, -44.2113, 29.8770

Details

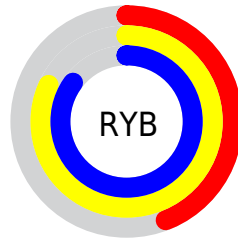
The Hex color **70D879** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D870CF**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A9FFAF**, and **34A046** is the 20% darker color. If you saturate the color by 10%, you get **5AD865**, and if you desaturate by 10%, it is **86D88D**.

Distribution



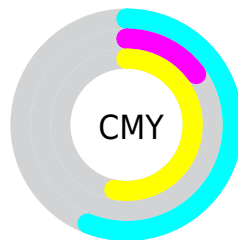
- Red (44%)
- Green (85%)
- Blue (47%)



- Red (44%)
- Yellow (82%)
- Blue (85%)



- Cyan (48%)
- Magenta (0%)
- Yellow (44%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70D879 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 70D879 by changing the saturation by 10% instead.

 70D879

 70D879

FFFFFF

 53BC5F

 A9FFAF

 34A046

 C6FFCA

 06852E

 E4FFE7

 006B14

 005200

 003A00

 002400

 000000

 70D879

 70D879

 5AD865

 86D88D

 45D852

 9BD8A0

 2FD83E

 B1D8B4

 1AD82A

 C6D8C8

 04D816

 DCD8DC

 00D813

 F2D8EF

 FFD8FF

Harmonies

Analogous

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



B7CC51



70D879



00DEB2

Triad

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



70D879



00CCFF



FF9298

Complementary

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



70D879



D870CF

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.



FF90D2



70D879



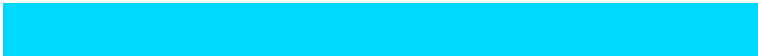
AEB8FF

Square

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



70D879



00D9FF



FCA1FF



FFA467

Rectangle

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



70D879



00DFDA



FCA1FF



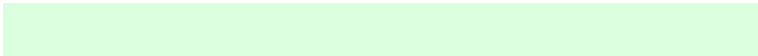
FF8FAB

Sweetspot

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



70D879



DBFFDE



CFD870



6A806C



000000



808080

Same Dimension

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



70D879



6BFF78



70D8AD



606B61



00AB0F



002B04

Inverse Universe

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



D870CF



FF6BF2



D8709B



6B606A



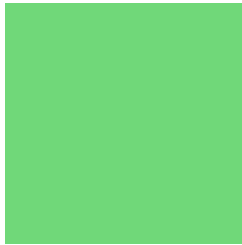
AB009C



2B0028

Previews

White Background



This preview shows how the Hex color 70D879 looks on a white background.

Color Contrast Check

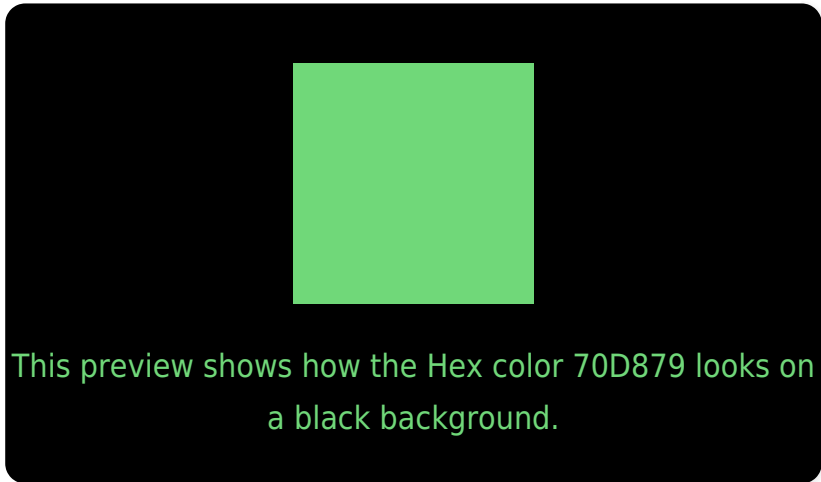
Large Text (above 18pt) WCAG AA × Fail

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

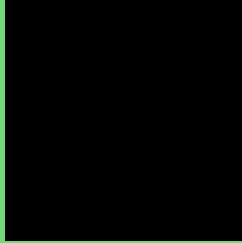
Any Text WCAG AA ✓ Pass

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 70D879 Background



This preview shows how black text looks on a background with the Hex color 70D879.

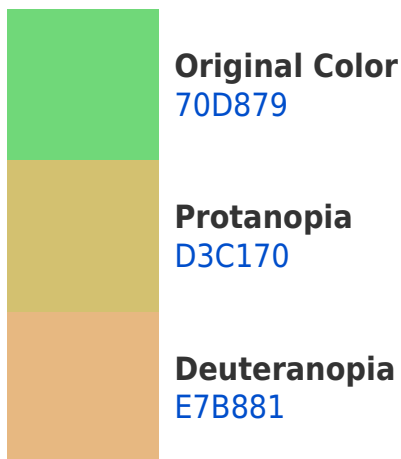


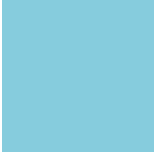
This preview shows how white text looks on a background with the Hex color 70D879.

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](#).

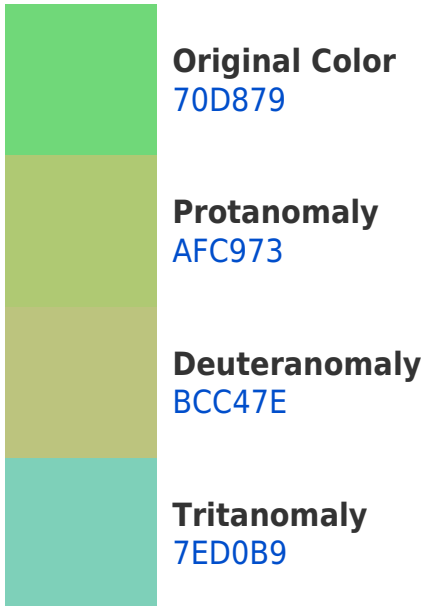
Dichromacy





Tritanopia
86CCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70D879 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 #70D879 looks like.

```
.text, #text, p{  
    color:#70D879  
}
```

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 #70D879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D879
}
```

Border

The CSS property to change the border of an element to Hex 70D879 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
#70D879 }
```

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

```
.border{ border-color:#70D879 }
```

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

Here you see how a box with a 4 pixel #70D879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D879; -webkit-box-shadow:4px 4px  
4px 4px #70D879; box-shadow:4px 4px 4px  
4px #70D879 }
```

Background

The CSS property to change the background color of an element to Hex 70D879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D879 }
```

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

```
.background{ background-color:#70D879 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor