

# Converting Colors

Hex(70D887)

Have a look what the booklet for  
Hex(70D887) contains.

<b>Hex(70D887)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(70D887)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70D887
RGB	112, 216, 135
RGB Percent	44%, 85%, 53%
CMY	0.5608, 0.1529, 0.4706
CMYK	0.48, 0.00, 0.38, 0.15
HSL	133°, 57%, 64%
HSV	133°, 48%, 85%
XYZ	35.6111, 54.3057, 31.5268
YIQ	175.6700, -35.9830, -47.2390

# Conversions

## Conversions Part 2

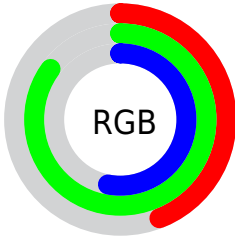
Format	Color
<a href="#">RYB</a>	<a href="#">112, 197, 216</a>
Decimal	<a href="#">7395463</a>
CIELab	<a href="#">78.64, -47.47, 30.86</a>
CIELCh	<a href="#">79, 56.621, 146.975</a>
Yxy	<a href="#">54.3057, 0.2932, 0.4472</a>
Android (android.graphics.Color)	<a href="#">4285585543 (0xFF70D887)</a>
YUV	<a href="#">175.6700, -20.0503, -55.8386</a>
Hunter-Lab	<a href="#">73.6924, -42.7034, 26.2195</a>

# Details

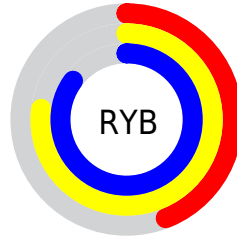
The Hex color **70D887** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D870C1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A9FFBD**, and **35A054** is the 20% darker color. If you saturate the color by 10%, you get **5AD876**, and if you desaturate by 10%, it is **86D898**.

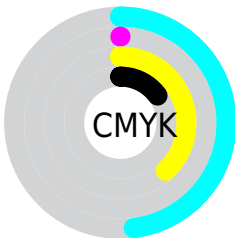
# Distribution



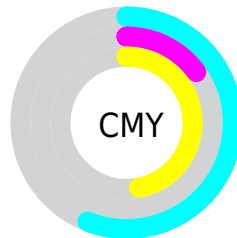
- Red (44%)
- Green (85%)
- Blue (53%)



- Red (44%)
- Yellow (77%)
- Blue (85%)



- Cyan (48%)
- Magenta (0%)
- Yellow (38%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70D887 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 70D887 by changing the saturation by 10% instead.



 70D887

 70D887

FFFFFF

 53BC6D

 A9FFBD

 35A054

 C6FFD9

 09863C

 E3FFF6

 006B24

 00520C

 003A00

 002400

 000000

 70D887

 70D887

 5AD876

 86D898

 45D865

 9BD8A9

 2FD855

 B1D8B9

 1AD844

 C6D8CA

 04D833

 DCD8DB

 00D830

 F2D8EC

 FFD8FD

 FFD8FF

# Harmonies

## Analogous

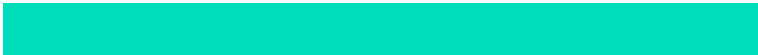
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B2CE61



70D887



00DDBB

# Triad

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



70D887



51CAFF



FF9A96

# Complementary

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



70D887



D870C1

# 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.



FF96CA



70D887



BEB7FF

# Square

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



70D887



00D7FF



FFA3FD



FFAB6B

# Rectangle

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



70D887



00DDE0



FFA3FD



FF97A7

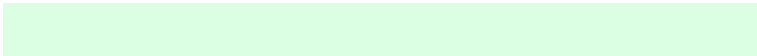


# Sweetspot

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



70D887



DBFFE3



C1D870



6A806F



000000



808080



# Same Dimension

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



70D887



6BFF8C



70D8BB



606B63



00AB26



002B0A



# Inverse Universe

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



D870C1



FF6BDE



D8708D



6B6069



AB0085

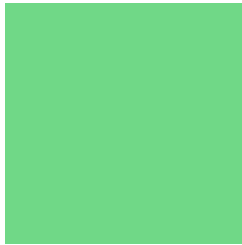


2B0022



# Previews

## White Background



This preview shows how the Hex color 70D887 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 70D887 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

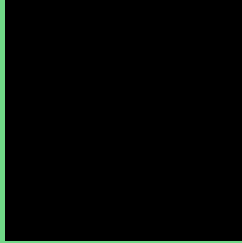
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70D887 Background



This preview shows how black text looks on a background with the Hex color 70D887.

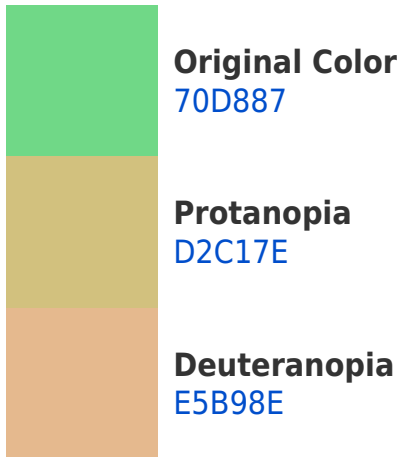


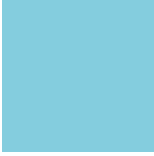
This preview shows how white text looks on a background with the Hex color 70D887.

# 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](#).

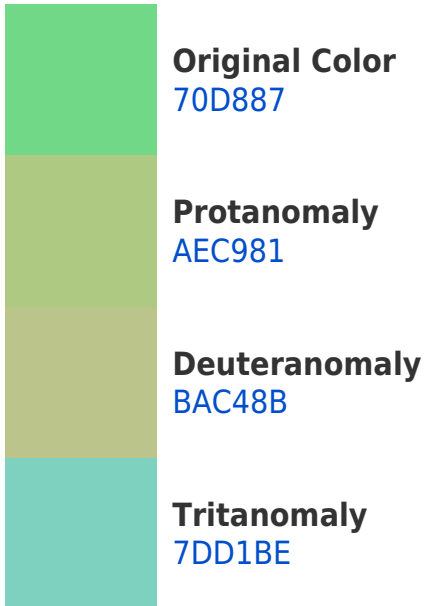
## Dichromacy



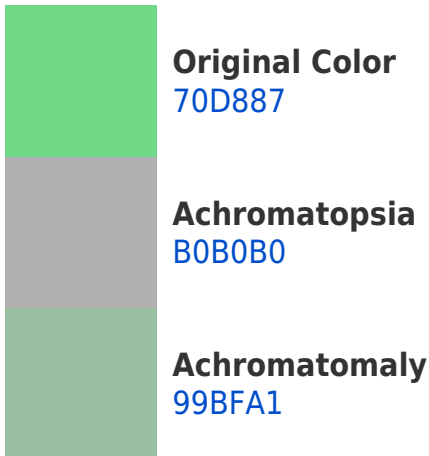


**Tritanopia**  
84CDDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70D887 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 #70D887 looks like.

```
.text, #text, p{  
    color:#70D887  
}
```

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 #70D887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D887
}
```

## Border

The CSS property to change the border of an element to Hex 70D887 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
#70D887 }
```

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

```
.border{ border-color:#70D887 }
```

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

Here you see how a box with a 4 pixel #70D887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D887; -webkit-box-shadow:4px 4px  
4px 4px #70D887; box-shadow:4px 4px 4px  
4px #70D887 }
```

# Background

The CSS property to change the background color of an element to Hex 70D887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D887 }
```

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

```
.background{ background-color:#70D887 }
```

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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