

Converting Colors

Hex(FFD870)

Have a look what the booklet for
Hex(FFD870) contains.

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Color

Hex(FFD870)

Conversions

Conversions Part 1

Format	Color
Hex	FFD870
RGB	255, 216, 112
RGB Percent	100%, 85%, 44%
CMY	0.0000, 0.1529, 0.5608
CMYK	0.00, 0.15, 0.56, 0.00
HSL	44°, 100%, 72%
HSV	44°, 56%, 100%
XYZ	68.7205, 71.5416, 25.5162
YIQ	215.8050, 56.6280, -24.0760

Conversions

Conversions Part 2

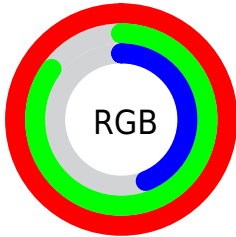
Format	Color
RYB	166, 255, 112
Decimal	16767088
CIELab	87.75, 1.58, 55.57
CIELCh	88, 55.592, 88.373
Yxy	71.5416, 0.4145, 0.4315
Android (android.graphics.Color)	4294957168 (0xFFFFD870)
YUV	215.8050, -51.1759, 34.3740
Hunter-Lab	84.5823, -2.9932, 41.3214

Details

The Hex color **FFD870** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7097FF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFA6**, and **C3A13B** is the 20% darker color. If you saturate the color by 10%, you get **FFD157**, and if you desaturate by 10%, it is **FFDF8A**.

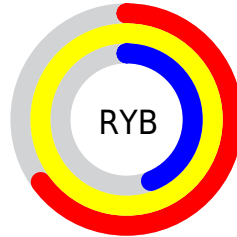
Distribution



Red (100%)

Green (85%)

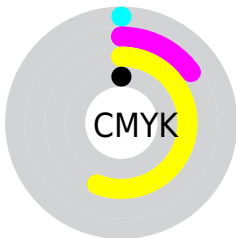
Blue (44%)



Red (65%)

Yellow (100%)

Blue (44%)

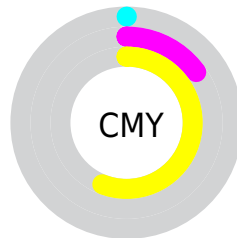


Cyan (0%)

Magenta (15%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Hex color FFD870 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 FFD870 by changing the saturation by 10% instead.

 FFD870

 FFD870

FFFFFF

 E1BC56

 FFFFA6

 C3A13B

 FFFFC2

 A68720

 FFFFDF

 8A6E00

 FFFFFC

 6E5600

 533F00

 392A00

 201600

 000000

■ FFD870

■ FFD870

■ FFD157

■ FFDF8A

■ FFCA3D

■ FFE6A3

■ FFC323

■ FFEDBD

■ FFBC0A

■ FFF4D6

■ FFB900

■ FFFBF0

FFFFFF

Harmonies

Analogous

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



FFC583



FFD870



C9E87C

Triad

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



FFD870



00F6FF



FFBCFF

Complementary

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



FFD870



7097FF

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.



DCCFF



FFD870



00F0FF

Square

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



FFD870



07F7D7



7DE2FF



FFB1E1

Rectangle

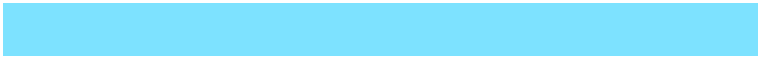
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFD870



A0EF93



7DE2FF



FFC2FF

Sweetspot

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



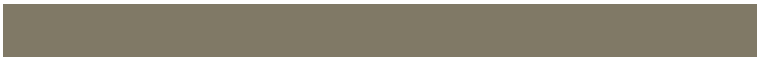
FFD870



FFF3D4



FF7099



807966



000000



808080

Same Dimension

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



FFD870



FFD054



E0FF70



807C73



BF8B00



402E00

Inverse Universe

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



7097FF



5483FF



8F70FF



737680



0034BF



001140

Previews

White Background



This preview shows how the Hex color FFD870 looks on a white background.

Color Contrast Check

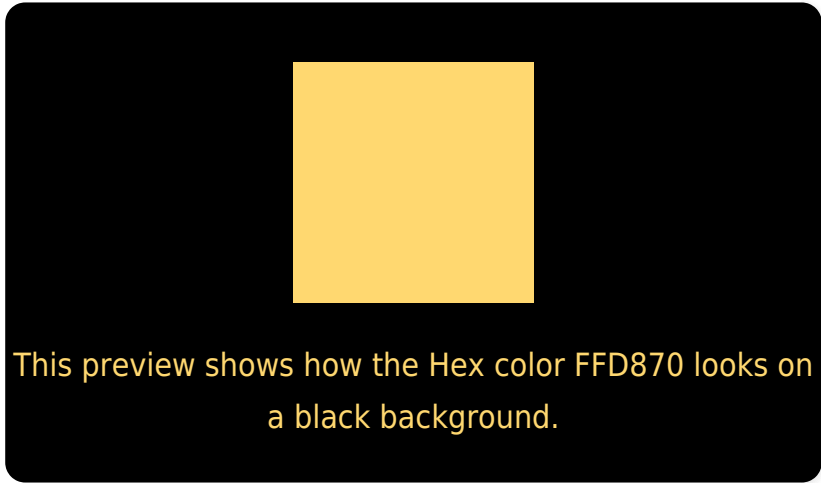
Large Text (above 18pt) WCAG AA × Fail

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 FFD870 Background



This preview shows how black text looks on a background with the Hex color FFD870.

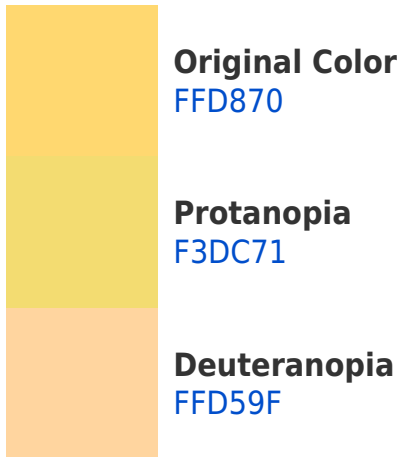


This preview shows how white text looks on a background with the Hex color FFD870.

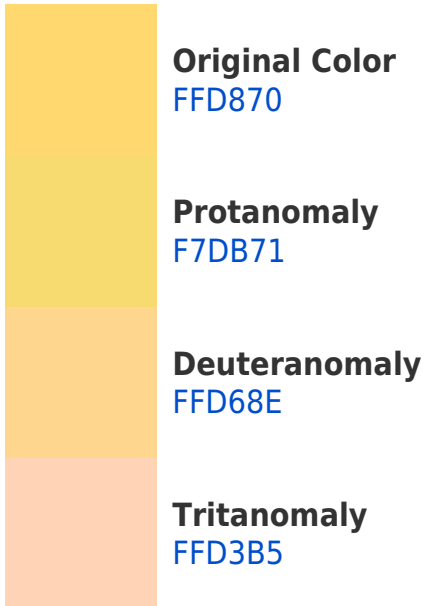
Color Blindness Simulation

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](#).

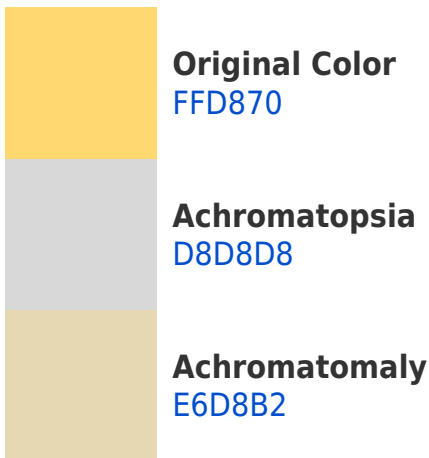
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFD870 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 #FFD870 looks like.

```
.text, #text, p{  
    color:#FFD870  
}
```

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 #FFD870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD870
}
```

Border

The CSS property to change the border of an element to Hex FFD870 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
#FFD870 }
```

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

```
.border{ border-color:#FFD870 }
```

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

Here you see how a box with a 4 pixel #FFD870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD870; -webkit-box-shadow:4px 4px  
4px 4px #FFD870; box-shadow:4px 4px 4px  
4px #FFD870 }
```

Background

The CSS property to change the background color of an element to Hex FFD870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD870 }
```

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

```
.background{ background-color:#FFD870 }
```

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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