

Converting Colors

Hex(FFC870)

Have a look what the booklet for
Hex(FFC870) contains.

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Color

Hex(FFC870)

Conversions

Conversions Part 1

Format	Color
Hex	FFC870
RGB	255, 200, 112
RGB Percent	100%, 78%, 44%
CMY	0.0000, 0.2157, 0.5608
CMYK	0.00, 0.22, 0.56, 0.00
HSL	37°, 100%, 72%
HSV	37°, 56%, 100%
XYZ	64.8189, 63.7384, 24.2157
YIQ	206.4130, 61.0280, -15.7080

Conversions

Conversions Part 2

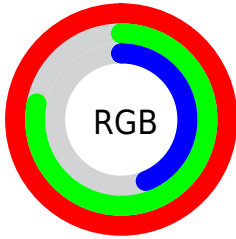
Format	Color
R_{YB}	201, 255, 112
Decimal	16762992
CIE _{Lab}	83.83, 9.81, 50.95
CIE _{LCh}	84, 51.881, 79.103
Yxy	63.7384, 0.4243, 0.4172
Android (android.graphics.Color)	4294953072 (0xFFFFC870)
YUV	206.4130, -46.5456, 42.6108
Hunter-Lab	79.8363, 5.2101, 37.9018

Details

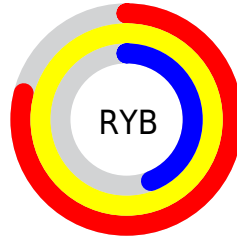
The Hex color **FFC870** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **70A7FF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFA6**, and **C3923D** is the 20% darker color. If you saturate the color by 10%, you get **FFBE57**, and if you desaturate by 10%, it is **FFD28A**.

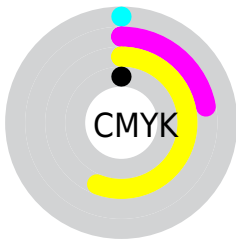
Distribution



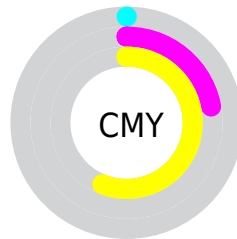
- Red (100%)
- Green (78%)
- Blue (44%)



- Red (79%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC870 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 FFC870 by changing the saturation by 10% instead.

 FFC870

 FFC870

FFFFFF

 E1AD56

 FFFFA6

 C3923D

 FFFFC1

 A67923

 FFFFDE

 896002

 FFFFFB

 6E4800

 523200

 381D00

 200600

 000000

 FFC870

 FFC870

 FFBE57

 FFD28A

 FFB43D

 FFDCA3

 FFAB23

 FFE5BD

 FFA10A

 FFEFD6

 FF9D00

 FFF9F0

FFFFFF

Harmonies

Analogous

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



FFB789



FFC870



D0D872

Triad

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



FFC870



00EAEF



FCB9FF

Complementary

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



FFC870



70A7FF

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.



BACBFF



FFC870



00E6FF

Square

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



FFC870



4EE9BD



59DBFF



FFABE5

Rectangle

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



FFC870



ACE083



59DBFF



E9BFFF

Sweetspot

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



FFC870



FFEED4



FF70A9



807666



000000



808080

Same Dimension

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



FFC870



FFBD54



F1FF70



807B73



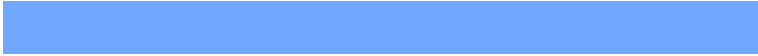
BF7600



402700

Inverse Universe

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



70A7FF



5496FF



7E70FF



737880



004ABF



001940

Previews

White Background



This preview shows how the Hex color FFC870 looks on a white background.

Color Contrast Check

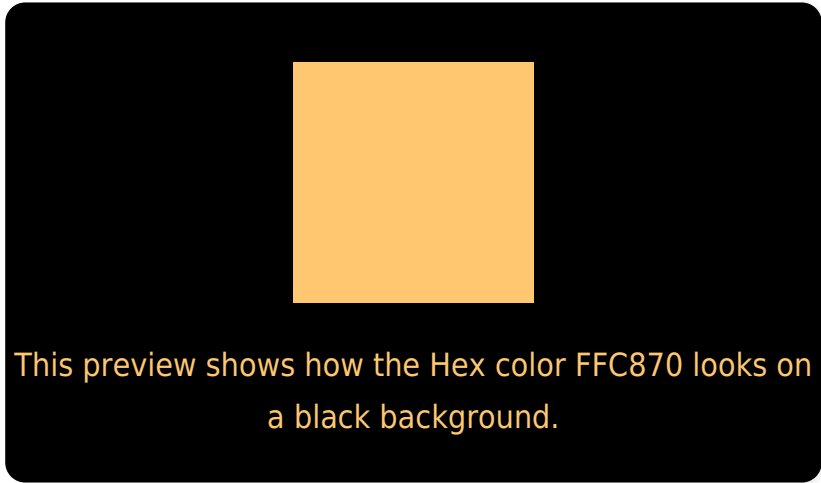
Large Text (above 18pt) WCAG AA × Fail

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 FFC870 Background



This preview shows how black text looks on a background with the Hex color FFC870.

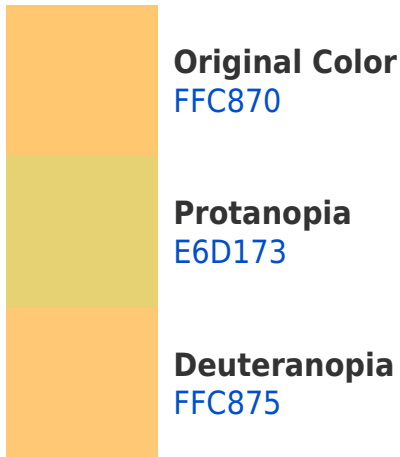


This preview shows how white text looks on a background with the Hex color FFC870.

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](#).

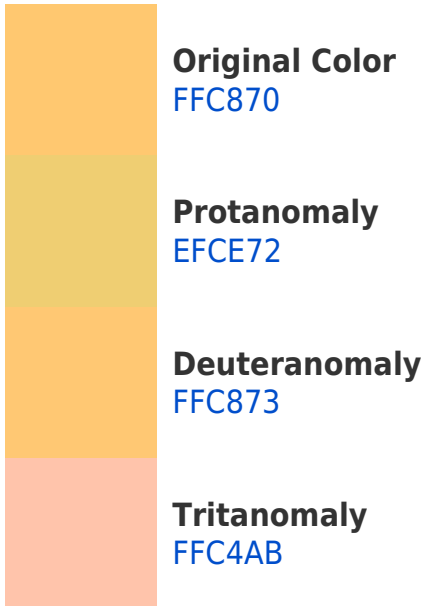
Dichromacy



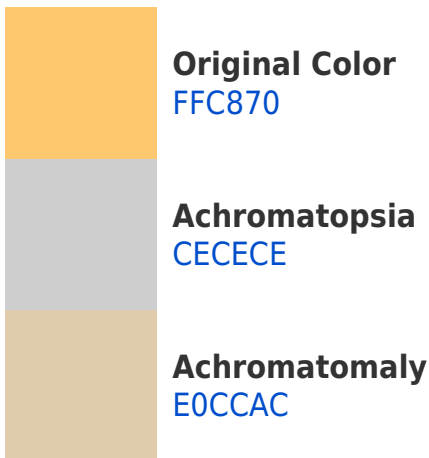


Tritanopia
FFC1CD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFC870 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 #FFC870 looks like.

```
.text, #text, p{  
    color:#FFC870  
}
```

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 #FFC870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC870
}
```

Border

The CSS property to change the border of an element to Hex FFC870 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
#FFC870 }
```

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

```
.border{ border-color:#FFC870 }
```

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

Here you see how a box with a 4 pixel #FFC870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC870; -webkit-box-shadow:4px 4px  
4px 4px #FFC870; box-shadow:4px 4px 4px  
4px #FFC870 }
```

Background

The CSS property to change the background color of an element to Hex FFC870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC870 }
```

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

```
.background{ background-color:#FFC870 }
```

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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