

Converting Colors

Hex(C870A4)

Have a look what the booklet for
Hex(C870A4) contains.

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Color

Hex(C870A4)

Conversions

Conversions Part 1

Format	Color
Hex	C870A4
RGB	200, 112, 164
RGB Percent	78%, 44%, 64%
CMY	0.2157, 0.5608, 0.3569
CMYK	0.00, 0.44, 0.18, 0.22
HSL	325°, 44%, 61%
HSV	325°, 44%, 78%
XYZ	36.3144, 26.5480, 38.3323
YIQ	144.2400, 35.7560, 34.8280

Conversions

Conversions Part 2

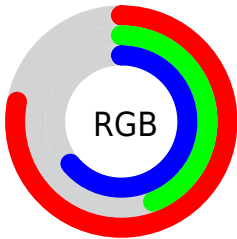
Format	Color
R _Y B	200, 112, 164
Decimal	13136036
CIE Lab	58.55, 41.46, -12.68
CIE LCh	59, 43.357, 342.995
Yxy	26.5480, 0.3589, 0.2623
Android (android.graphics.Color)	4291326116 (0xFFC870A4)
YUV	144.2400, 9.7417, 48.9015
Hunter-Lab	51.5248, 35.6376, -8.0419

Details

The Hex color **C870A4** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **70C894**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA6DB**, and **903D70** is the 20% darker color. If you saturate the color by 10%, you get **C85C9C**, and if you desaturate by 10%, it is **C884AC**.

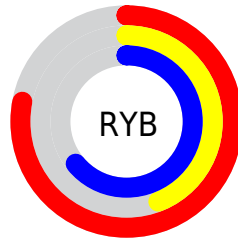
Distribution



Red (78%)

Green (44%)

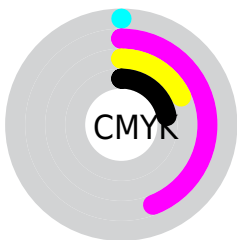
Blue (64%)



Red (78%)

Yellow (44%)

Blue (64%)

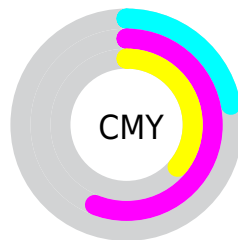


Cyan (0%)

Magenta (44%)

Yellow (18%)

Black (22%)



Cyan (22%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color C870A4 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 C870A4 by changing the saturation by 10% instead.



C870A4



C870A4

FFFFFF



AC568A



FFA6DB



903D70



FFC1F8



752358



FFDEFF



5B0340



FFFBFF



41002A



2B0016



000000



C870A4



C870A4



C85C9C



C884AC

 C84894

 C898B4

 C8348B

 C8ACBD

 C82083

 C8C0C5

 C80C7B

 C8D4CD

 C80076

 C8E8D5

 C8FCDD

 C8FFE5

 C8FFEE

Harmonies

Analogous

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



A57CC5



C870A4



D56D7E

Triad

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



C870A4



939040



009EC0

Complementary

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



C870A4



70C894

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.



00A09D



C870A4



699953

Square

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



C870A4



B68343



2D9F75



0097D5

Rectangle

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



C870A4



D27265



2D9F75



009FB5

Sweetspot

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



C870A4



FFDEF1



9370C8



806B77



000000



808080

Same Dimension

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



C870A4



FF78C8



C87079



635A5F



A30060



240015

Inverse Universe

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



C870A4



FF78C8



70C8BF



635A5F



A30060



240015

Previews

White Background



This preview shows how the Hex color C870A4 looks on a white background.

Color Contrast Check

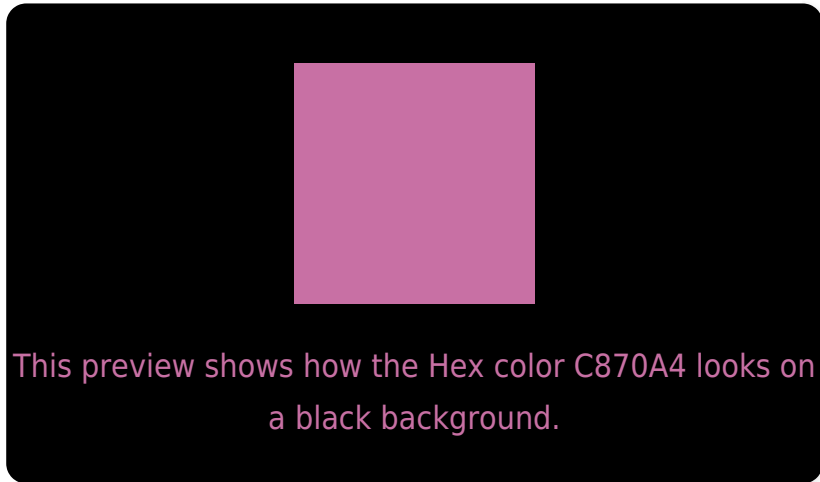
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex C870A4 Background



This preview shows how black text looks on a background with the Hex color C870A4.

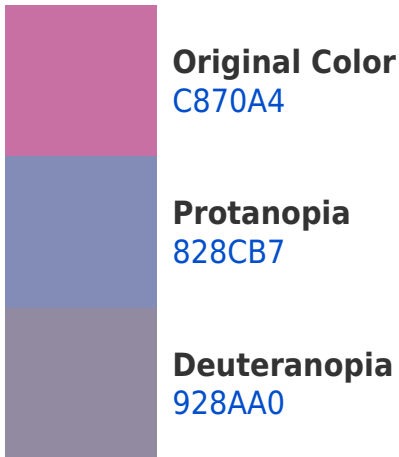


This preview shows how white text looks on a background with the Hex color C870A4.

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](#).

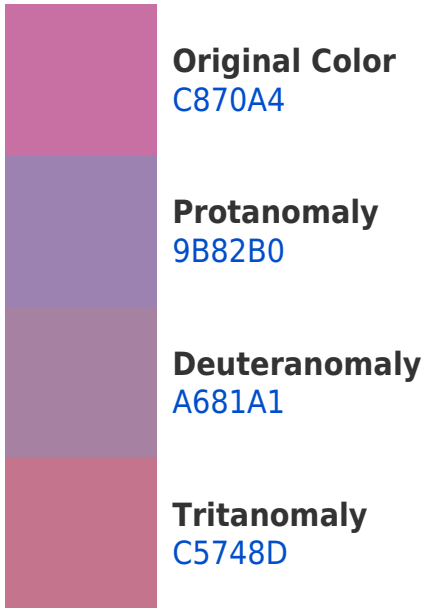
Dichromacy



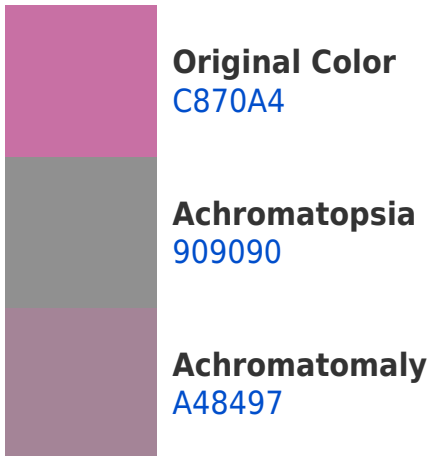


Tritanopia
C47780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C870A4 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 #C870A4 looks like.

```
.text, #text, p{  
    color:#C870A4  
}
```

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 #C870A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C870A4
}
```

Border

The CSS property to change the border of an element to Hex C870A4 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
#C870A4 }
```

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

```
.border{ border-color:#C870A4 }
```

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

Here you see how a box with a 4 pixel #C870A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C870A4; -webkit-box-shadow:4px 4px  
4px 4px #C870A4; box-shadow:4px 4px 4px  
4px #C870A4 }
```

Background

The CSS property to change the background color of an element to Hex C870A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C870A4 }
```

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

```
.background{ background-color:#C870A4 }
```

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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