

Converting Colors

Hex(C42872)

Have a look what the booklet for
Hex(C42872) contains.

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Color

Hex(C42872)

Conversions

Conversions Part 1

Format	Color
Hex	C42872
RGB	196, 40, 114
RGB Percent	77%, 16%, 45%
CMY	0.2314, 0.8431, 0.5529
CMYK	0.00, 0.80, 0.42, 0.23
HSL	332°, 66%, 46%
HSV	332°, 80%, 77%
XYZ	26.5610, 14.4683, 17.3123
YIQ	95.0800, 69.2220, 56.0860

Conversions

Conversions Part 2

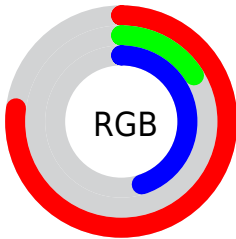
Format	Color
R _{YB}	196, 40, 114
Decimal	12855410
CIE _{Lab}	44.90, 64.41, -3.35
CIE _{LCh}	45, 64.493, 357.018
Yxy	14.4683, 0.4553, 0.2480
Android (android.graphics.Color)	4291045490 (0xFFC42872)
YUV	95.0800, 9.3276, 88.5068
Hunter-Lab	38.0372, 58.0799, -0.3594

Details

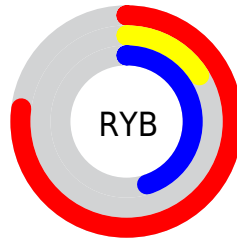
The Hex color **C42872** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **28C47A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF66A6**, and **890042** is the 20% darker color. If you saturate the color by 10%, you get **C41468**, and if you desaturate by 10%, it is **C43C7C**.

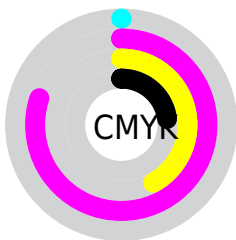
Distribution



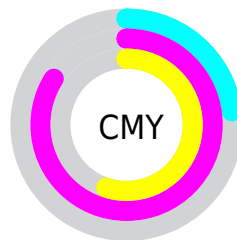
- Red (77%)
- Green (16%)
- Blue (45%)



- Red (77%)
- Yellow (16%)
- Blue (45%)



- Cyan (0%)
- Magenta (80%)
- Yellow (42%)
- Black (23%)



- Cyan (23%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color C42872 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 C42872 by changing the saturation by 10% instead.

 C42872

 C42872

FFFFFF

 A6005A

 FF66A6

 890042

 FF83C1

 6C002C

 FF9FDD

 4F0018

 FFBCF9

 340002

 FFDAFF

 000000

 FFF7FF

 C42872

 C42872

 C41468

 C43C7C

 C4015D

 C44F87

 C4005D

 C46391

 C4769B

 C48AA6

 C49EB0

 C4B1BA

 C4C5C4

 C4D8CF

Harmonies

Analogous

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



A441A6



C42872



C4333D

Triad

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



C42872



517500



007EC4

Complementary

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



C42872



28C47A

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.



00829A



C42872



007D2A

Square

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



C42872



856600



008163



0073D7

Rectangle

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



C42872



B7461A



008163



0080B8

Sweetspot

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



C42872



FFC2DF



7928C4



805B6C



000000



808080

Same Dimension

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



C42872



FF0A7E



C42B28



61575C



A1004C



210010

Inverse Universe

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



C42872



FF0A7E



28C1C4



61575C



A1004C



210010

Previews

White Background



This preview shows how the Hex color C42872 looks on a white background.

Color Contrast Check

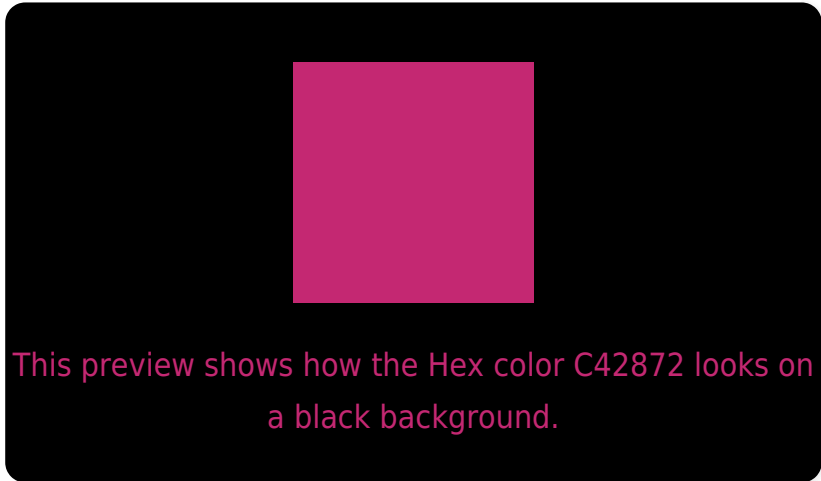
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex C42872 Background



This preview shows how black text looks on a background with the Hex color C42872.



This preview shows how white text looks on a background with the Hex color C42872.

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



Original Color
C42872

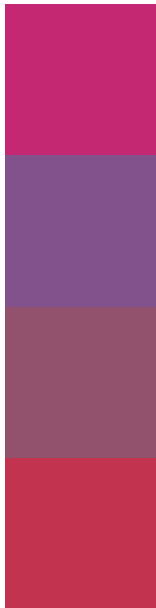
Protanopia
5B6A9B

Deuteranopia
76686A



Tritanopia
C1393B

Trichromacy



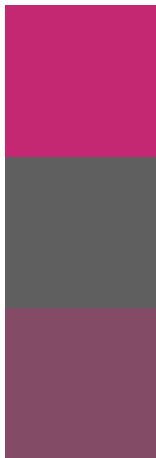
Original Color
C42872

Protanomaly
81528C

Deuteranomaly
92516D

Tritanomaly
C2334F

Monochromacy



Original Color
C42872

Achromatopsia
5F5F5F

Achromatomaly
844B66

CSS Examples

Text

The CSS property to change the color of the text to Hex C42872 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 #C42872 looks like.

```
.text, #text, p{  
    color:#C42872  
}
```

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 #C42872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C42872
}
```

Border

The CSS property to change the border of an element to Hex C42872 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
#C42872 }
```

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

```
.border{ border-color:#C42872 }
```

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

Here you see how a box with a 4 pixel #C42872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C42872; -webkit-box-shadow:4px 4px  
4px 4px #C42872; box-shadow:4px 4px 4px  
4px #C42872 }
```

Background

The CSS property to change the background color of an element to Hex C42872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C42872 }
```

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

```
.background{ background-color:#C42872 }
```

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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