

Converting Colors

Hex(C33870)

Have a look what the booklet for
Hex(C33870) contains.

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Color

Hex(C33870)

Conversions

Conversions Part 1

Format	Color
Hex	C33870
RGB	195, 56, 112
RGB Percent	76%, 22%, 44%
CMY	0.2353, 0.7804, 0.5608
CMYK	0.00, 0.71, 0.43, 0.24
HSL	336°, 55%, 49%
HSV	336°, 71%, 76%
XYZ	26.8445, 15.6003, 16.9255
YIQ	103.9450, 64.8680, 46.8840

Conversions

Conversions Part 2

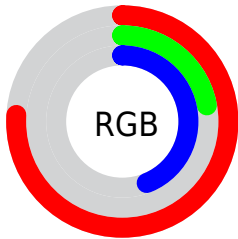
Format	Color
R_{YB}	195, 56, 112
Decimal	12793968
CIE _{Lab}	46.45, 58.89, 0.13
CIE _{LCh}	46, 58.889, 0.125
Yxy	15.6003, 0.4522, 0.2628
Android (android.graphics.Color)	4290984048 (0xFFC33870)
YUV	103.9450, 3.9711, 79.8552
Hunter-Lab	39.4972, 52.1983, 2.2408

Details

The Hex color **C33870** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **38C38B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF71A4**, and **880041** is the 20% darker color. If you saturate the color by 10%, you get **C32564**, and if you desaturate by 10%, it is **C34B7C**.

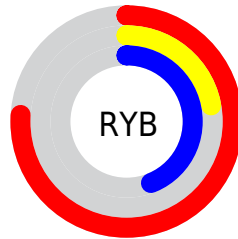
Distribution



Red (76%)

Green (22%)

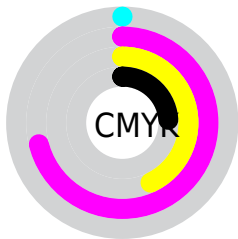
Blue (44%)



Red (76%)

Yellow (22%)

Blue (44%)

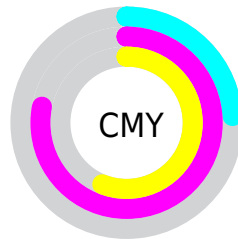


Cyan (0%)

Magenta (71%)

Yellow (43%)

Black (24%)



Cyan (24%)

Magenta (78%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color C33870 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 C33870 by changing the saturation by 10% instead.

 C33870

 C33870

FFFFFF

 A51458

 FF71A4

 880041

 FF8DBF

 6B002B

 FFAADA

 4F0016

 FFC6F7

 350002

 FFE3FF

 010000

 000000

 C33870

 C33870

 C32564

 C34B7C

 C31159

 C35F87

 C3004F

 C37293

 C3869F

 C39AAA

 C3ADB6

 C3C0C2

 C3D4CD

 C3E8D9

Harmonies

Analogous

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



A948A0



C33870



C14240

Triad

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



C33870



537901



007FC4

Complementary

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



C33870



38C38B

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.



00849E



C33870



00813A

Square

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



C33870



846C00



00846D



0074D2

Rectangle

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



C33870



B45021



00846D



0082B9

Sweetspot

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



C33870



FCC7DD



8938C3



80606C



000000



808080

Same Dimension

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



C33870



FC237B



C34438



61575B



A10041



21000D

Inverse Universe

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



C33870



FC237B



38B7C3



61575B



A10041



21000D

Previews

White Background



This preview shows how the Hex color C33870 looks on a white background.

Color Contrast Check

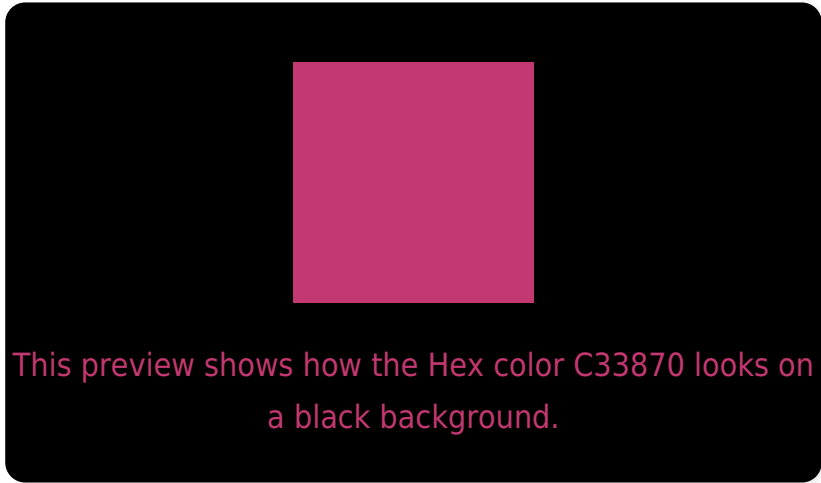
Large Text (above 18pt) WCAG AA ✓ Pass

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

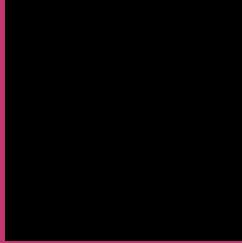
Any Text WCAG AA × Fail

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 C33870 Background



This preview shows how black text looks on a background with the Hex color C33870.



This preview shows how white text looks on a background with the Hex color C33870.

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



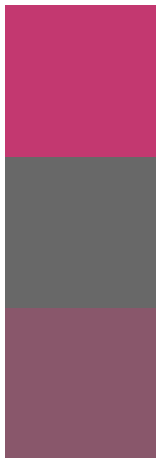
Original Color
C33870

Protanomaly
875A85

Deuteranomaly
96586C

Tritanomaly
C13E55

Monochromacy



Original Color
C33870

Achromatopsia
686868

Achromatomaly
89576B

CSS Examples

Text

The CSS property to change the color of the text to Hex C33870 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 #C33870 looks like.

```
.text, #text, p{  
    color:#C33870  
}
```

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 #C33870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33870
}
```

Border

The CSS property to change the border of an element to Hex C33870 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
#C33870 }
```

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

```
.border{ border-color:#C33870 }
```

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

Here you see how a box with a 4 pixel #C33870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33870; -webkit-box-shadow:4px 4px  
4px 4px #C33870; box-shadow:4px 4px 4px  
4px #C33870 }
```

Background

The CSS property to change the background color of an element to Hex C33870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33870 }
```

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

```
.background{ background-color:#C33870 }
```

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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