

# Converting Colors

Hex(C86670)

Have a look what the booklet for  
Hex(C86670) contains.

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# Color

**Hex(C86670)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C86670
RGB	200, 102, 112
RGB Percent	78%, 40%, 44%
CMY	0.2157, 0.6000, 0.5608
CMYK	0.00, 0.49, 0.44, 0.22
HSL	354°, 47%, 59%
HSV	354°, 49%, 78%
XYZ	31.4954, 22.9520, 18.0994
YIQ	132.4420, 55.1980, 23.8860

# Conversions

## Conversions Part 2

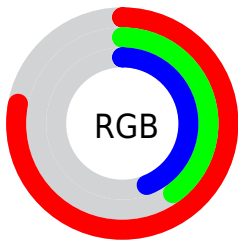
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">200, 102, 112</a>
Decimal	<a href="#">13133424</a>
CIELab	<a href="#">55.02, 39.86, 12.49</a>
CIELCh	<a href="#">55, 41.774, 17.390</a>
Yxy	<a href="#">22.9520, 0.4341, 0.3164</a>
Android (android.graphics.Color)	<a href="#">4291323504 (0xFFC86670)</a>
YUV	<a href="#">132.4420, -10.0779, 59.2484</a>
Hunter-Lab	<a href="#">47.9082, 33.5087, 11.1364</a>

# Details

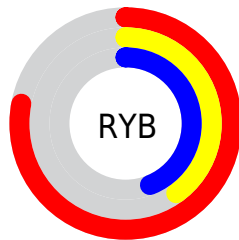
The Hex color **C86670** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66C8BE**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9BA4**, and **8E3340** is the 20% darker color. If you saturate the color by 10%, you get **C8525E**, and if you desaturate by 10%, it is **C87A82**.

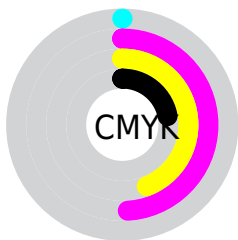
# Distribution



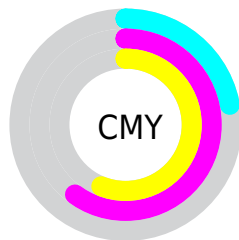
- Red (78%)
- Green (40%)
- Blue (44%)



- Red (78%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (49%)
- Yellow (44%)
- Black (22%)



- Cyan (22%)
- Magenta (60%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C86670 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 C86670 by changing the saturation by 10% instead.



 C86670

 C86670

FFFFFF

 AB4C58

 FF9BA4

 8E3340

 FFB7BF

 72182B

 FFD3DA

 570016

 FFF0F7

 3D0000

 200001

 000000

 C86670

 C86670

 C8525E

 C87A82

 C83E4C

 C88E94

 C82A3A

 C8A2A6

 C81628

 C8B6B8

 C80216

 C8CACA

 C80014

 C8DEDC

 C8F2EE

 C8FFFF

# Harmonies

## Analogous

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



BF6795



C86670



BE6F50

# Triad

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



C86670



5B9151



008CCA

# Complementary

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



C86670



66C8BE

# 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.



0093B8



C86670



189573

# Square

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



C86670



85883C



009698



6D80C9

# Rectangle

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



C86670



AF7841



009698



008FC6



# Sweetspot

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



C86670



FFD9DD



BD66C8



80696B



000000



808080



# Same Dimension

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



C86670



FF6978



C88C66



635A5B



A30011



240004



# Inverse Universe

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



C86670



FF6978



66A2C8



635A5B



A30011



240004



# Previews

## White Background



This preview shows how the Hex color C86670 looks on a white background.

## Color Contrast Check

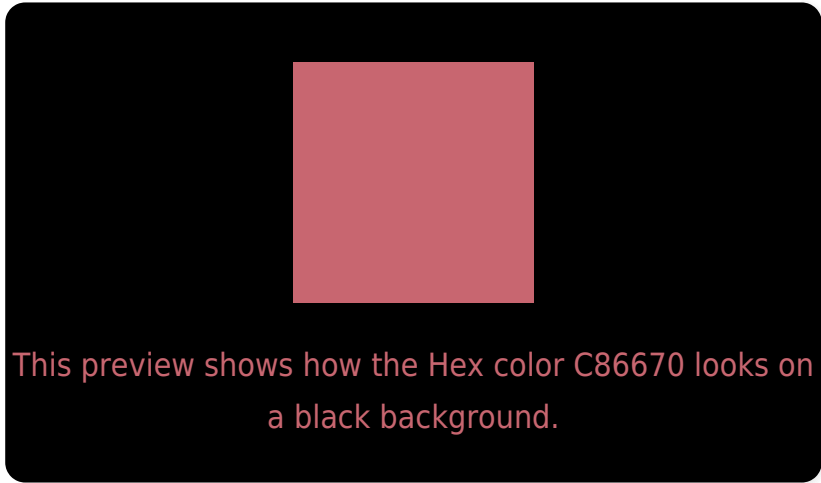
Large Text (above 18pt) WCAG AA ✓ Pass

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 C86670 Background



This preview shows how black text looks on a background with the Hex color C86670.




This preview shows how white text looks on a background with the Hex color C86670.

# 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**  
C8666E

# Trichromacy



**Original Color**  
C86670

**Protanomaly**  
9F797A

**Deuteranomaly**  
AA766D

**Tritanomaly**  
C8666F

# Monochromacy



**Original Color**  
C86670

**Achromatopsia**  
848484

**Achromatomaly**  
9D797D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C86670 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 #C86670 looks like.

```
.text, #text, p{  
    color:#C86670  
}
```

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 #C86670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C86670
}
```

## Border

The CSS property to change the border of an element to Hex C86670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

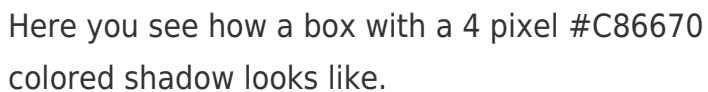
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C86670 }
```

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

```
.border{ border-color:#C86670 }
```

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



Here you see how a box with a 4 pixel `#C86670` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C86670; -webkit-box-shadow:4px 4px  
4px 4px #C86670; box-shadow:4px 4px 4px  
4px #C86670 }
```

# Background

The CSS property to change the background color of an element to Hex C86670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C86670 }
```

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

```
.background{ background-color:#C86670 }
```

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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