

# Converting Colors

Hex(C086A5)

Have a look what the booklet for  
Hex(C086A5) contains.

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# **Color**

**Hex(C086A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C086A5
RGB	192, 134, 165
RGB Percent	75%, 53%, 65%
CMY	0.2471, 0.4745, 0.3529
CMYK	0.00, 0.30, 0.14, 0.25
HSL	328°, 32%, 64%
HSV	328°, 30%, 75%
XYZ	37.0549, 30.9733, 39.6227
YIQ	154.8760, 24.6170, 21.9370

# Conversions

## Conversions Part 2

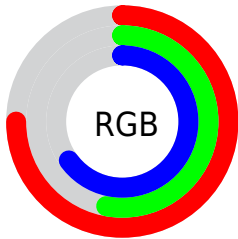
Format	Color
<a href="#">RYB</a>	<a href="#">192, 134, 165</a>
Decimal	<a href="#">12617381</a>
CIELab	<a href="#">62.49, 26.97, -7.47</a>
CIElCh	<a href="#">62, 27.980, 344.518</a>
Yxy	<a href="#">30.9733, 0.3442, 0.2877</a>
Android (android.graphics.Color)	<a href="#">4290807461 (0xFFC086A5)</a>
YUV	<a href="#">154.8760, 4.9911, 32.5577</a>
Hunter-Lab	<a href="#">55.6536, 21.4536, -3.2541</a>

# Details

The Hex color **C086A5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86C0A1**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F9BCDC**, and **8A5371** is the 20% darker color. If you saturate the color by 10%, you get **C0739C**, and if you desaturate by 10%, it is **C099AE**.

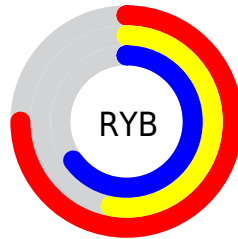
# Distribution



Red (75%)

Green (53%)

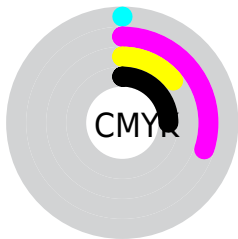
Blue (65%)



Red (75%)

Yellow (53%)

Blue (65%)

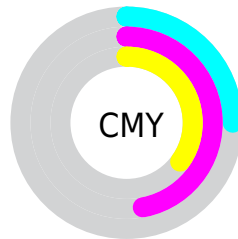


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (25%)



Cyan (25%)

Magenta (47%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C086A5 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 C086A5 by changing the saturation by 10% instead.



 C086A5

 C086A5

FFFFFF

 A46C8B

 F9BCDC

 8A5371

 FFD8F9

 6F3C59

 FFF4FF

 562441

 3E0D2B

 280017

 000000

 C086A5

 C086A5

 C0739C

 C099AE

 C06093

 C0ACB7

 C04C8A

 C0C0C0

 C03981

 C0D3C9

 C02678

 C0E6D2

 C0136F

 C0F9DB

 C00067

 C0FFE4

 C0FFED

 C0FFF5

# Harmonies

## Analogous

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



AA8DBB



C086A5



C9858C

# Triad

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



C086A5



9C9967



49A3B9

# Complementary

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



C086A5



86C0A1

# 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.



4BA5A3



C086A5



80A073

# Square

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



C086A5



B49168



63A489



639DC6

# Rectangle

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



C086A5



C7877C



63A489



46A4B2



# Sweetspot

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



C086A5



FAE3EF



A086C0



7D6F77



FCFCFC



7D7D7D



# Same Dimension

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



C086A5



FAA0D0



C08689



61575C



A10056



210012



# Inverse Universe

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



C086A5



FAA0D0



86C0BD



61575C



A10056

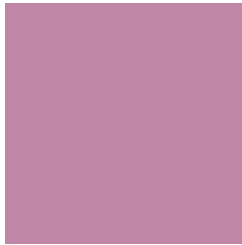


210012



# Previews

## White Background



This preview shows how the Hex color C086A5 looks on a white background.

## Color Contrast Check

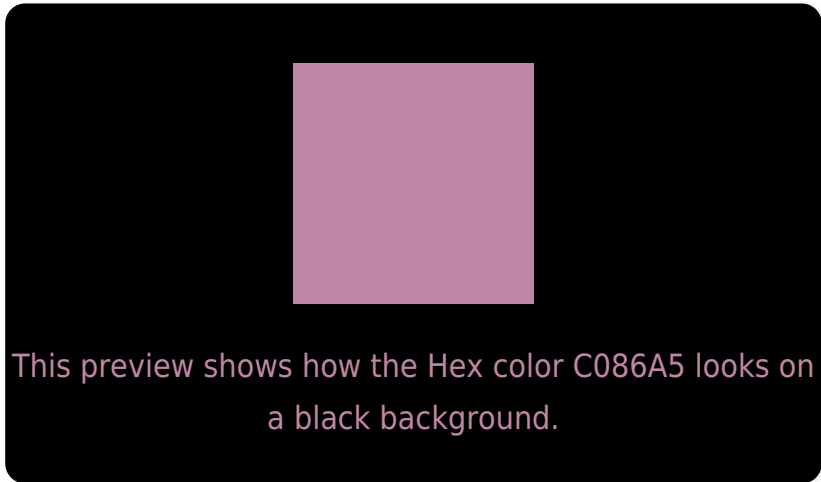
Large Text (above 18pt) WCAG AA × Fail

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

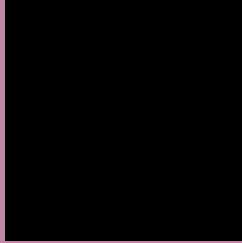
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C086A5 Background



This preview shows how black text looks on a background with the Hex color C086A5.



This preview shows how white text looks on a background with the Hex color C086A5.

# 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**  
C086A5

**Protanopia**  
9396AF

**Deuteranopia**  
A193A3



**Tritanopia**  
BE8994

# Trichromacy



**Original Color**  
C086A5

**Protanomaly**  
A390AB

**Deuteranomaly**  
AC8EA4

**Tritanomaly**  
BF889A

# Monochromacy



**Original Color**  
C086A5

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
A8939F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C086A5 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 #C086A5 looks like.

```
.text, #text, p{  
    color:#C086A5  
}
```

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 #C086A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C086A5
}
```

## Border

The CSS property to change the border of an element to Hex C086A5 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
#C086A5 }
```

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

```
.border{ border-color:#C086A5 }
```

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

Here you see how a box with a 4 pixel #C086A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C086A5; -webkit-box-shadow:4px 4px  
4px 4px #C086A5; box-shadow:4px 4px 4px  
4px #C086A5 }
```

# Background

The CSS property to change the background color of an element to Hex C086A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C086A5 }
```

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

```
.background{ background-color:#C086A5 }
```

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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