

# Converting Colors

Hex(B86695)

Have a look what the booklet for  
Hex(B86695) contains.

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# Color

**Hex(B86695)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B86695
RGB	184, 102, 149
RGB Percent	72%, 40%, 58%
CMY	0.2784, 0.6000, 0.4157
CMYK	0.00, 0.45, 0.19, 0.28
HSL	326°, 37%, 56%
HSV	326°, 45%, 72%
XYZ	29.9434, 21.8630, 31.0756
YIQ	131.8760, 33.7850, 32.0010

# Conversions

## Conversions Part 2

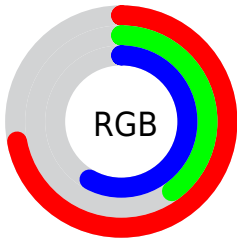
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 102, 149
Decimal	12084885
CIELab	53.88, 39.01, -11.19
CIELCh	54, 40.580, 343.987
Yxy	21.8630, 0.3613, 0.2638
Android (android.graphics.Color)	4290274965 (0xFFB86695)
YUV	131.8760, 8.4421, 45.7127
Hunter-Lab	46.7579, 32.4835, -6.6739

# Details

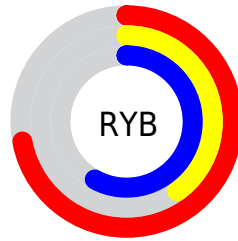
The Hex color **B86695** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **66B889**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F29BCB**, and **813362** is the 20% darker color. If you saturate the color by 10%, you get **B8548D**, and if you desaturate by 10%, it is **B8789D**.

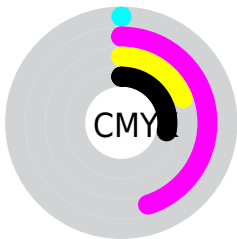
# Distribution



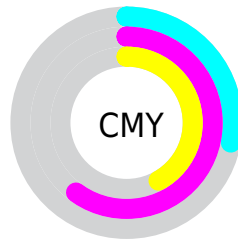
- Red (72%)
- Green (40%)
- Blue (58%)



- Red (72%)
- Yellow (40%)
- Blue (58%)



- Cyan (0%)
- Magenta (45%)
- Yellow (19%)
- Black (28%)



- Cyan (28%)
- Magenta (60%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B86695 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 B86695 by changing the saturation by 10% instead.



 B86695

 B86695

FFFFFF

 9C4D7B

 F29BCB

 813362

 FFB6E7

 66194A

 FFD2FF

 4D0034

 FFEFFF

 34001F

 190002

 000000

 B86695

 B86695

 B8548D

 B8789D

 B84185

 B88BA5

 B82F7D

 B89DAD

 B81C76

 B8B0B4

 B80A6E

 B8C2BC

 B80069

 B8D4C4

 B8E7CC

 B8F9D4

 B8FFDC

# Harmonies

## Analogous

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



9971B3



B86695



C36472

# Triad

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



B86695



86843A



0090B0

# Complementary

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



B86695



66B889

# 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.



009391



B86695



5F8D4D

# Square

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



B86695



A5783D



26916C



008AC4

# Rectangle

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



B86695



C0685C



26916C



0092A7



# Sweetspot

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



B86695



F0D1E2



8866B8



786570



F7F7F7



787878



# Same Dimension

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



B86695



F071B9



B8666D



5C5358



9C0059



1C0010



# Inverse Universe

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



B86695



F071B9



66B8B1



5C5358



9C0059

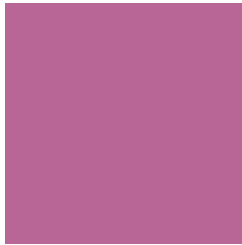


1C0010



# Previews

## White Background



This preview shows how the Hex color B86695 looks on a white background.

## Color Contrast Check

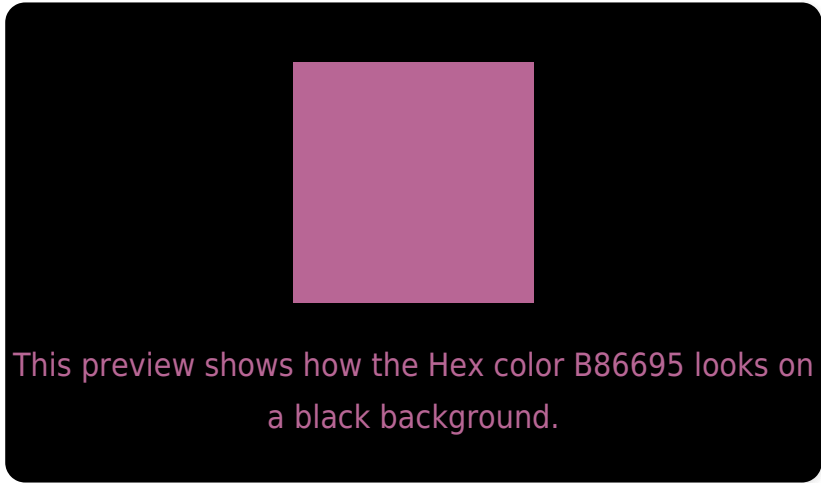
Large Text (above 18pt) WCAG AA ✓ Pass

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

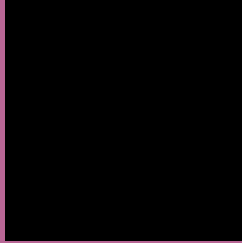
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B86695 Background



This preview shows how black text looks on a background with the Hex color B86695.




This preview shows how white text looks on a background with the Hex color B86695.

# 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](#).

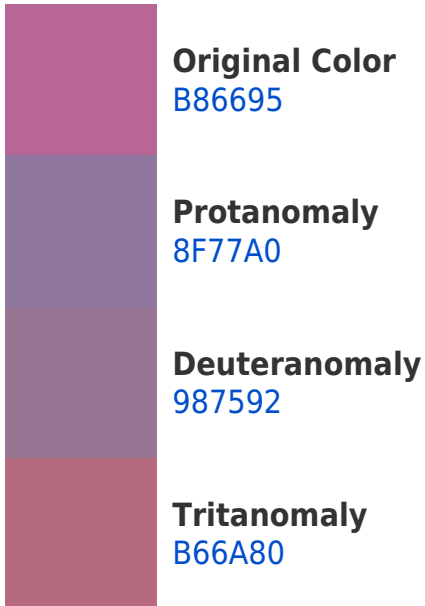
## Dichromacy





**Tritanopia**  
B56C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B86695 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 #B86695 looks like.

```
.text, #text, p{  
    color:#B86695  
}
```

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 #B86695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86695
}
```

## Border

The CSS property to change the border of an element to Hex B86695 is called "border". The border property can be set on classes, ids or directly on the HTML element.

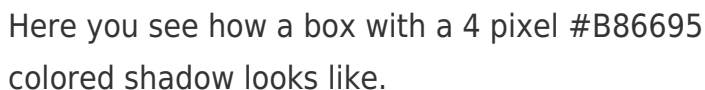
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B86695 }
```

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

```
.border{ border-color:#B86695 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow. The shadow is a 4px solid purple rectangle that is offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #B86695 colored shadow looks like."

Here you see how a box with a 4 pixel #B86695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86695; -webkit-box-shadow:4px 4px  
4px 4px #B86695; box-shadow:4px 4px 4px  
4px #B86695 }
```

# Background

The CSS property to change the background color of an element to Hex B86695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86695 }
```

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

```
.background{ background-color:#B86695 }
```

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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