

# Converting Colors

Hex(B86D96)

Have a look what the booklet for  
Hex(B86D96) contains.

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**Color**

**Hex(B86D96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B86D96</a>
RGB	<a href="#">184, 109, 150</a>
RGB Percent	<a href="#">72%, 43%, 59%</a>
CMY	<a href="#">0.2784, 0.5725, 0.4118</a>
CMYK	<a href="#">0.00, 0.41, 0.18, 0.28</a>
HSL	<a href="#">327°, 35%, 57%</a>
HSV	<a href="#">327°, 41%, 72%</a>
XYZ	<a href="#">30.7408, 23.3296, 31.7370</a>
YIQ	<a href="#">136.0990, 31.5390, 28.6510</a>

# Conversions

## Conversions Part 2

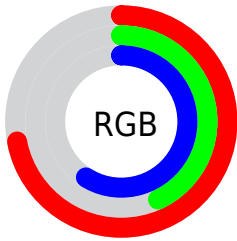
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 109, 150
Decimal	12086678
CIELab	55.41, 35.41, -9.49
CIELCh	55, 36.658, 345.004
Yxy	23.3296, 0.3583, 0.2719
Android (android.graphics.Color)	4290276758 (0xFFB86D96)
YUV	136.0990, 6.8532, 42.0092
Hunter-Lab	48.3008, 29.0793, -5.1472

# Details

The Hex color **B86D96** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6DB88F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F1A2CC**, and **813B63** is the 20% darker color. If you saturate the color by 10%, you get **B85B8E**, and if you desaturate by 10%, it is **B87F9E**.

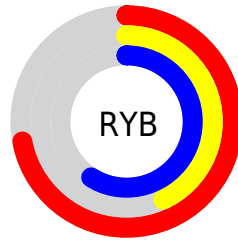
# Distribution



Red (72%)

Green (43%)

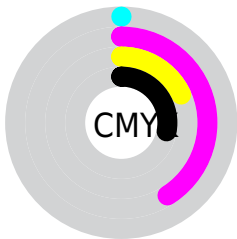
Blue (59%)



Red (72%)

Yellow (43%)

Blue (59%)

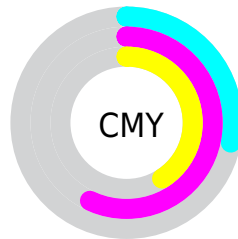


Cyan (0%)

Magenta (41%)

Yellow (18%)

Black (28%)



Cyan (28%)

Magenta (57%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B86D96 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 B86D96 by changing the saturation by 10% instead.




 B86D96

 B86D96

FFFFFF

 9C547C

 F1A2CC

 813B63

 FFBDE8

 67224B

 FFDAFF

 4D0735

 FFF6FF

 35001F

 1C0005

 000000

 B86D96

 B86D96

 B85B8E

 B87F9E

 B84885

 B892A7

 B8367D

 B8A4AF

 B82375

 B8B7B7

 B8116C


 B8C9C0

 B80065

 B8DBC8

 B8EED0

 B8FFD9

 B8FFE1

# Harmonies

## Analogous

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



9C76B2



B86D96



C26B76

# Triad

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



B86D96



898846



0093B1

# Complementary

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



B86D96



6DB88F

# 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.



009594



B86D96



659056

# Square

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



B86D96



A67D47



389473



2C8DC2

# Rectangle

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



B86D96



BF6F62



389473



0094A8



# Sweetspot

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



B86D96



F0D3E3



8F6DB8



786770



F7F7F7



787878



# Same Dimension

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



B86D96



F07ABA



B86D71



5C5358



9C0055



1C000F



# Inverse Universe

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



B86D96



F07ABA



6DB8B4



5C5358



9C0055

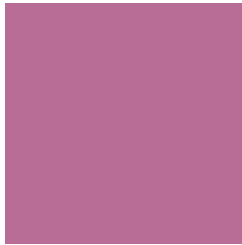


1C000F



# Previews

## White Background



This preview shows how the Hex color B86D96 looks on a white background.

## Color Contrast Check

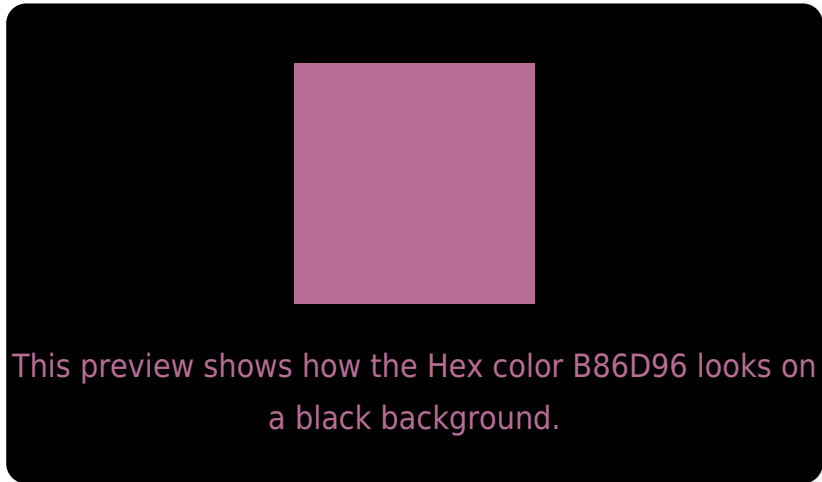
Large Text (above 18pt) WCAG AA ✓ Pass

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

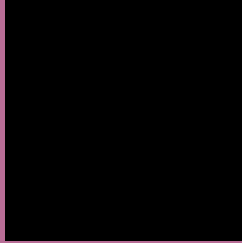
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B86D96 Background



This preview shows how black text looks on a background with the Hex color B86D96.



This preview shows how white text looks on a background with the Hex color B86D96.

# 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**  
B5727B

# Trichromacy



**Original Color**  
B86D96

**Protanomaly**  
927CA0

**Deuteranomaly**  
9C7A93

**Tritanomaly**  
B67085

# Monochromacy



**Original Color**  
B86D96

**Achromatopsia**  
888888

**Achromatomaly**  
997E8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B86D96 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 #B86D96 looks like.

```
.text, #text, p{  
    color:#B86D96  
}
```

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 #B86D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86D96
}
```

## Border

The CSS property to change the border of an element to Hex B86D96 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
#B86D96 }
```

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

```
.border{ border-color:#B86D96 }
```

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

Here you see how a box with a 4 pixel #B86D96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86D96; -webkit-box-shadow:4px 4px  
4px 4px #B86D96; box-shadow:4px 4px 4px  
4px #B86D96 }
```

# Background

The CSS property to change the background color of an element to Hex B86D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86D96 }
```

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

```
.background{ background-color:#B86D96 }
```

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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