

Converting Colors

Hex(B86D88)

Have a look what the booklet for
Hex(B86D88) contains.

Hex(B86D88)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B86D88)

Conversions

Conversions Part 1

Format	Color
Hex	B86D88
RGB	184, 109, 136
RGB Percent	72%, 43%, 53%
CMY	0.2784, 0.5725, 0.4667
CMYK	0.00, 0.41, 0.26, 0.28
HSL	338°, 35%, 57%
HSV	338°, 41%, 72%
XYZ	29.6797, 22.9052, 26.1494
YIQ	134.5030, 36.0330, 24.2970

Conversions

Conversions Part 2

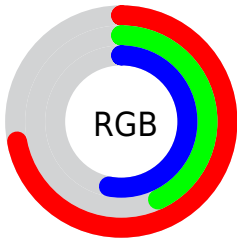
Format	Color
RYB	184, 109, 136
Decimal	12086664
CIELab	54.97, 33.29, -1.95
CIELCh	55, 33.349, 356.653
Yxy	22.9052, 0.3770, 0.2909
Android (android.graphics.Color)	4290276744 (0xFFB86D88)
YUV	134.5030, 0.7380, 43.4089
Hunter-Lab	47.8594, 26.9419, 1.1067

Details

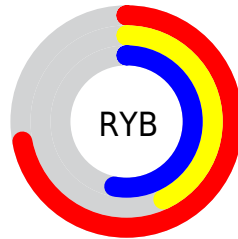
The Hex color **B86D88** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6DB89D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F2A2BD**, and **813B56** is the 20% darker color. If you saturate the color by 10%, you get **B85B7C**, and if you desaturate by 10%, it is **B87F94**.

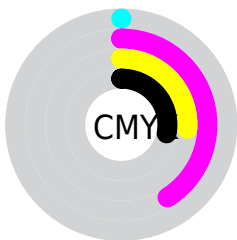
Distribution



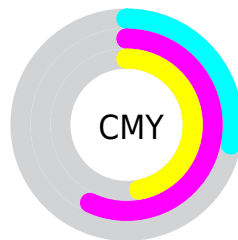
- Red (72%)
- Green (43%)
- Blue (53%)



- Red (72%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (28%)



- Cyan (28%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B86D88 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 B86D88 by changing the saturation by 10% instead.

 B86D88

 B86D88

FFFFFF

 9C546F

 F2A2BD

 813B56

 FFBDD9

 66233F

 FFD9F5

 4D0829

 FFF6FF

 340015

 180001

 000000

 B86D88

 B86D88

 B85B7C

 B87F94

 B84870

 B892A0

 B83665

 B8A4AB

 B82359

 B8B7B7

 B8114D

 B8C9C3

 B80042

 B8DBC F

 B8EEDA

 B8FFE6

 B8FFF2

Harmonies

Analogous

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



A573A4



B86D88



BB6F6B

Triad

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



B86D88



7C8A4F



0D8FB3

Complementary

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



B86D88



6DB89D

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.



00929C



B86D88



5A9063

Square

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



B86D88



998149



2F937F



5287BD

Rectangle

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



B86D88



B5745B



2F937F



0090AD

Sweetspot

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



B86D88



F0D3DD



9D6DB8



78676D



F7F7F7



787878

Same Dimension

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



B86D88



F07AA5



B8776D



5C5356



9C0038



1C000A

Inverse Universe

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



B86D88



F07AA5



6DAEB8



5C5356



9C0038



1C000A

Previews

White Background



This preview shows how the Hex color B86D88 looks on a white background.

Color Contrast Check

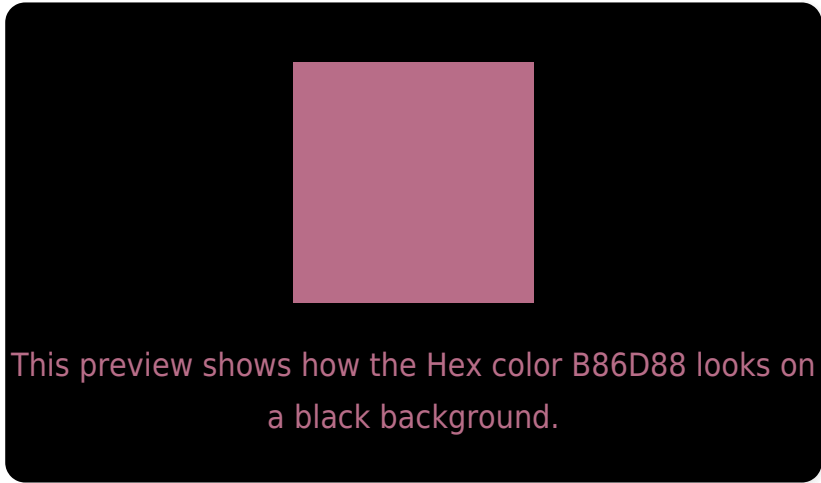
Large Text (above 18pt) WCAG AA ✓ Pass

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

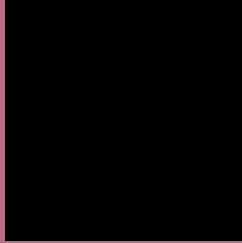
Any Text WCAG AA ✓ Pass

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 B86D88 Background



This preview shows how black text looks on a background with the Hex color B86D88.



This preview shows how white text looks on a background with the Hex color B86D88.

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
B67078

Trichromacy



Original Color
B86D88

Protanomaly
957B91

Deuteranomaly
9F7986

Tritanomaly
B76F7E

Monochromacy



Original Color
B86D88

Achromatopsia
878787

Achromatomaly
997E87

CSS Examples

Text

The CSS property to change the color of the text to Hex B86D88 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 #B86D88 looks like.

```
.text, #text, p{  
    color:#B86D88  
}
```

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 #B86D88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86D88  
}
```

Border

The CSS property to change the border of an element to Hex B86D88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

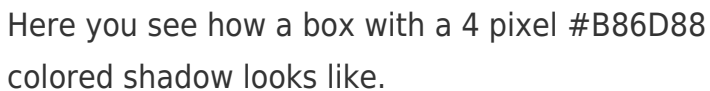
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B86D88 }
```

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

```
.border{ border-color:#B86D88 }
```

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



Here you see how a box with a 4 pixel #B86D88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86D88; -webkit-box-shadow:4px 4px  
4px 4px #B86D88; box-shadow:4px 4px 4px  
4px #B86D88 }
```

Background

The CSS property to change the background color of an element to Hex B86D88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86D88 }
```

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

```
.background{ background-color:#B86D88 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor