

Converting Colors

Hex(B86F87)

Have a look what the booklet for
Hex(B86F87) contains.

Hex(B86F87)	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(B86F87)

Conversions

Conversions Part 1

Format	Color
Hex	B86F87
RGB	184, 111, 135
RGB Percent	72%, 44%, 53%
CMY	0.2784, 0.5647, 0.4706
CMYK	0.00, 0.40, 0.27, 0.28
HSL	340°, 34%, 58%
HSV	340°, 40%, 72%
XYZ	29.8248, 23.3085, 25.8487
YIQ	135.5630, 35.8040, 22.9400

Conversions

Conversions Part 2

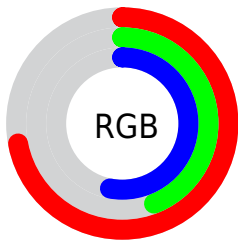
Format	Color
RYB	184, 111, 135
Decimal	12087175
CIELab	55.39, 32.06, -0.75
CIELCh	55, 32.067, 358.651
Yxy	23.3085, 0.3776, 0.2951
Android (android.graphics.Color)	4290277255 (0xFFB86F87)
YUV	135.5630, -0.2776, 42.4792
Hunter-Lab	48.2789, 25.7822, 2.0511

Details

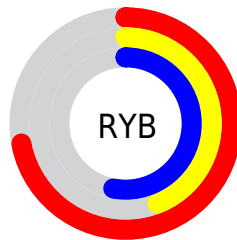
The Hex color **B86F87** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6FB8A0**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F1A4BC**, and **813D55** is the 20% darker color. If you saturate the color by 10%, you get **B85D7B**, and if you desaturate by 10%, it is **B88193**.

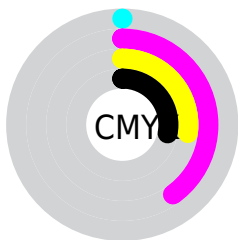
Distribution



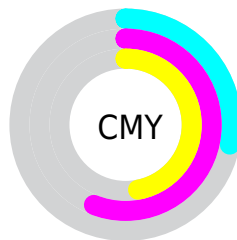
- Red (72%)
- Green (44%)
- Blue (53%)



- Red (72%)
- Yellow (44%)
- Blue (53%)



- Cyan (0%)
- Magenta (40%)
- Yellow (27%)
- Black (28%)



- Cyan (28%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B86F87 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 B86F87 by changing the saturation by 10% instead.


 B86F87

 B86F87

FFFFFF

 9C566E

 F1A4BC

 813D55

 FFbfd8

 67253E

 FFDBF4

 4D0C29

 FFF8FF

 340014

 190001

 000000

 B86F87

 B86F87

 B85D7B

 B88193

 B84A6E

 B894A0

 B83862

 B8A6AC

 B82556

 B8B9B8

 B81349

 B8CBC5

 B8013D

 B8DDD1

 B8003C

 B8F0DD

 B8FFEA

 B8FFF6

Harmonies

Analogous

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



A674A2



B86F87



BA716B

Triad

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



B86F87



7B8B53



248FB3

Complementary

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



B86F87



6FB8A0

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.



00939E



B86F87



5A9167

Square

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



B86F87



98834D



339382



5988BC

Rectangle

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



B86F87



B3765C



339382



1091AE

Sweetspot

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



B86F87



F0D3DC



A06FB8



78676D



F7F7F7



787878

Same Dimension

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



B86F87



F07DA2



B87B6F



5C5356



9C0033



1C0009

Inverse Universe

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



B86F87



F07DA2



6FACB8



5C5356



9C0033



1C0009

Previews

White Background



This preview shows how the Hex color B86F87 looks on a white background.

Color Contrast Check

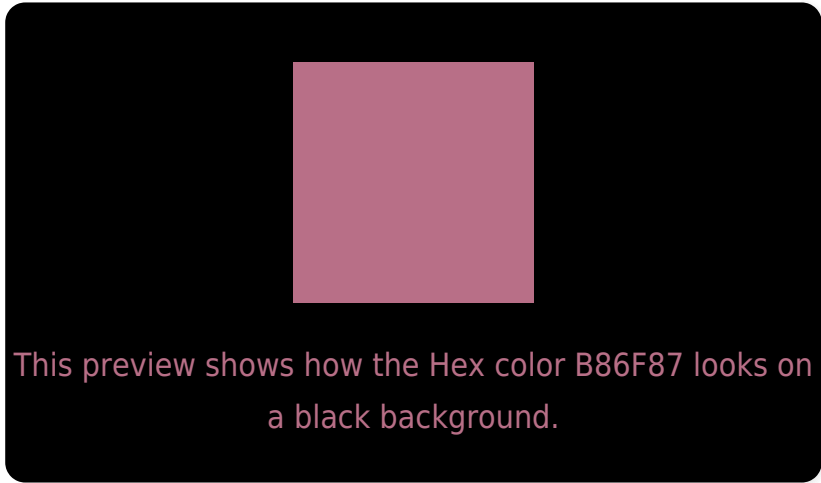
Large Text (above 18pt) WCAG AA ✓ Pass

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 B86F87 Background



This preview shows how black text looks on a background with the Hex color B86F87.

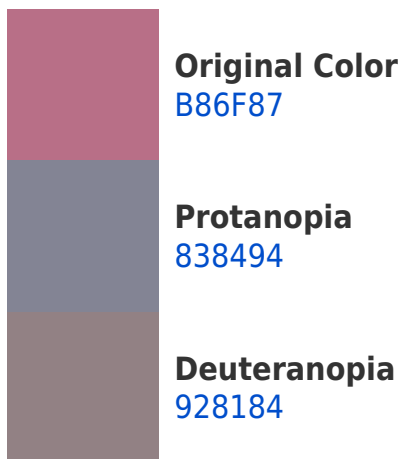


This preview shows how white text looks on a background with the Hex color B86F87.

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
B7717A

Trichromacy



Original Color
B86F87

Protanomaly
967C8F

Deuteranomaly
A07A85

Tritanomaly
B7707F

Monochromacy



Original Color
B86F87

Achromatopsia
888888

Achromatomaly
997F88

CSS Examples

Text

The CSS property to change the color of the text to Hex B86F87 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 #B86F87 looks like.

```
.text, #text, p{  
  color:#B86F87  
}
```

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 #B86F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86F87
}
```

Border

The CSS property to change the border of an element to Hex B86F87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

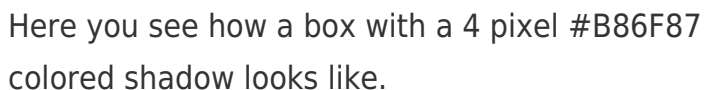
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B86F87 }
```

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

```
.border{ border-color:#B86F87 }
```

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



Here you see how a box with a 4 pixel #B86F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86F87; -webkit-box-shadow:4px 4px  
4px 4px #B86F87; box-shadow:4px 4px 4px  
4px #B86F87 }
```

Background

The CSS property to change the background color of an element to Hex B86F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86F87 }
```

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

```
.background{ background-color:#B86F87 }
```

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