

Converting Colors

Hex(B82786)

Have a look what the booklet for
Hex(B82786) contains.

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Color

Hex(B82786)

Conversions

Conversions Part 1

Format	Color
Hex	B82786
RGB	184, 39, 134
RGB Percent	72%, 15%, 53%
CMY	0.2784, 0.8471, 0.4745
CMYK	0.00, 0.79, 0.27, 0.28
HSL	321°, 65%, 44%
HSV	321°, 79%, 72%
XYZ	24.7958, 13.3626, 23.8266
YIQ	93.1850, 55.9250, 60.2850

Conversions

Conversions Part 2

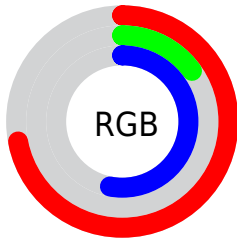
Format	Color
RYB	184, 39, 134
Decimal	12068742
CIELab	43.30, 63.86, -18.27
CIELCh	43, 66.424, 344.033
Yxy	13.3626, 0.4000, 0.2156
Android (android.graphics.Color)	4290258822 (0xFFB82786)
YUV	93.1850, 20.1218, 79.6448
Hunter-Lab	36.5549, 57.1082, -13.0570

Details

The Hex color **B82786** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **27B859**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **F464BB**, and **7E0054** is the 20% darker color. If you saturate the color by 10%, you get **B81580**, and if you desaturate by 10%, it is **B8398C**.

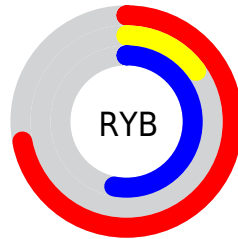
Distribution



Red (72%)

Green (15%)

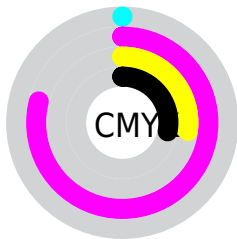
Blue (53%)



Red (72%)

Yellow (15%)

Blue (53%)

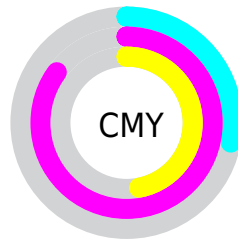


Cyan (0%)

Magenta (79%)

Yellow (27%)

Black (28%)



Cyan (28%)

Magenta (85%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B82786 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 B82786 by changing the saturation by 10% instead.

 B82786

 B82786

FFFFFF

 9B006D

 F464BB

 7E0054

 FF81D7

 62003D

 FF9DF4

 470027

 FFBAFF

 2C0011

 FFD7FF

 000000

 FFF5FF

 B82786

 B82786

 B81580

 B8398C

 B80279

 B84C93

 B80079

 B85E99

 B8719F

 B883A6

 B895AC

 B8A8B2

 B8BAB9

 B8CDBF

Harmonies

Analogous

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



8749B6



B82786



C51E4F

Triad

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



B82786



656C00



007CB2

Complementary

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



B82786



27B859

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.



007E80



B82786



1A7700

Square

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



B82786



945900



007C46



0075D1

Rectangle

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



B82786



BE322C



007C46



007DA3

Sweetspot

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



B82786



F0B6DC



5727B8



78556C



F7F7F7



787878

Same Dimension

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



B82786



F00CA1



B8273F



5C5359



9C0066



1C0012

Inverse Universe

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



B82786



F00CA1



27B8A0



5C5359



9C0066



1C0012

Previews

White Background



This preview shows how the Hex color B82786 looks on a white background.

Color Contrast Check

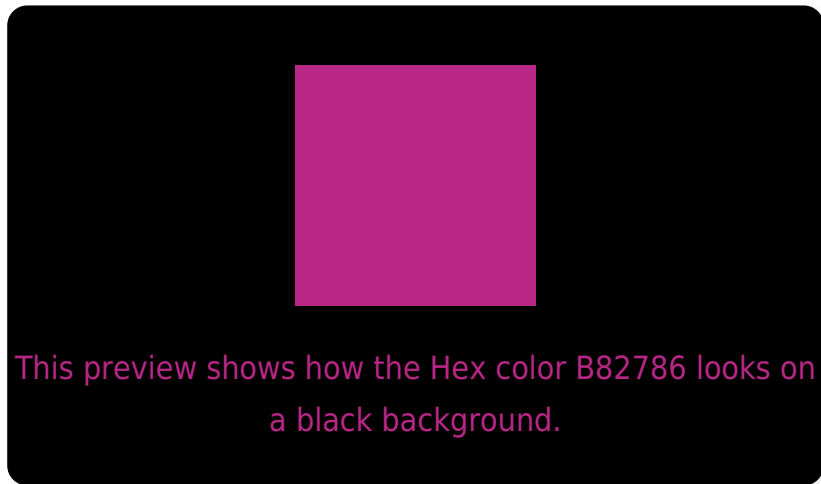
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex B82786 Background



This preview shows how black text looks on a background with the Hex color B82786.




This preview shows how white text looks on a background with the Hex color B82786.

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
B33E42

Trichromacy



Original Color
B82786



Protanomaly
6E4EA3



Deuteranomaly
844E81

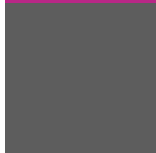


Tritanomaly
B5365B

Monochromacy



Original Color
B82786



Achromatopsia
5D5D5D



Achromatomaly
7E496C

CSS Examples

Text

The CSS property to change the color of the text to Hex B82786 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 #B82786 looks like.

```
.text, #text, p{  
    color:#B82786  
}
```

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 #B82786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B82786
}
```

Border

The CSS property to change the border of an element to Hex B82786 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
#B82786 }
```

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

```
.border{ border-color:#B82786 }
```

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

Here you see how a box with a 4 pixel #B82786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B82786; -webkit-box-shadow:4px 4px  
4px 4px #B82786; box-shadow:4px 4px 4px  
4px #B82786 }
```

Background

The CSS property to change the background color of an element to Hex B82786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B82786 }
```

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

```
.background{ background-color:#B82786 }
```

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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