

Converting Colors

Hex(B186A7)

Have a look what the booklet for
Hex(B186A7) contains.

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Color

Hex(B186A7)

Conversions

Conversions Part 1

Format	Color
Hex	B186A7
RGB	177, 134, 167
RGB Percent	69%, 53%, 65%
CMY	0.3059, 0.4745, 0.3451
CMYK	0.00, 0.24, 0.06, 0.31
HSL	314°, 22%, 61%
HSV	314°, 24%, 69%
XYZ	33.6316, 29.1873, 40.4204
YIQ	150.6190, 15.0350, 19.3790

Conversions

Conversions Part 2

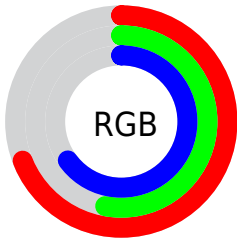
Format	Color
RYB	177, 134, 167
Decimal	11634343
CIELab	60.95, 21.98, -11.07
CIElCh	61, 24.614, 333.265
Yxy	29.1873, 0.3258, 0.2827
Android (android.graphics.Color)	4289824423 (0xFFB186A7)
YUV	150.6190, 8.0758, 23.1361
Hunter-Lab	54.0253, 16.5748, -6.5416

Details

The Hex color **B186A7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86B190**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E9BCDE**, and **7C5473** is the 20% darker color. If you saturate the color by 10%, you get **B174A3**, and if you desaturate by 10%, it is **B198AB**.

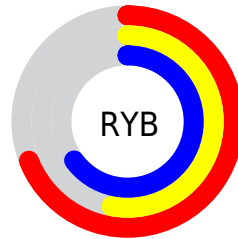
Distribution



Red (69%)

Green (53%)

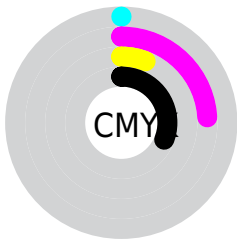
Blue (65%)



Red (69%)

Yellow (53%)

Blue (65%)

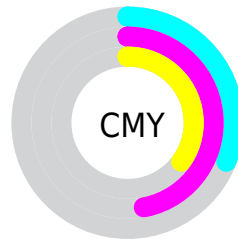


Cyan (0%)

Magenta (24%)

Yellow (6%)

Black (31%)



Cyan (31%)


Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B186A7 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 B186A7 by changing the saturation by 10% instead.

 B186A7

 B186A7

FFFFFF

 966C8D

 E9BCDE

 7C5473

 FFD7FB

 623C5A

 FFF4FF

 4A2643

 33102D

 200019

 000000

 B186A7

 B186A7

 B174A3

 B198AB

 B1639F

 B1A9AF

 B1519B

 B1BBB3

 B13F97

 B1CDB7

 B12E92

 B1DEBC

 B11C8E

 B1F0C0

 B10A8A

 B1FFC4

 B10088

 B1FFC8

 B1FFCC

Harmonies

Analogous

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



998DB7



B186A7



BD8391

Triad

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



B186A7



A09268



509EAA

Complementary

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



B186A7



86B190

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.



5A9F95



B186A7



89996E

Square

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



B186A7



B38B6D



709D7F



5E9BB9

Rectangle

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



B186A7



BF8483



709D7F



519FA3

Sweetspot

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



B186A7



E6D5E2



8F86B1



736A71



F2F2F2



737373

Same Dimension

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



B186A7



E6A3D6



B18692



595057



990075



1A0014

Inverse Universe

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



B186A7



E6A3D6



86B1A5



595057



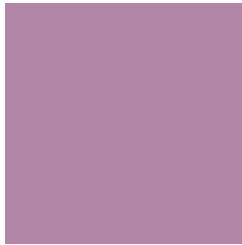
990075



1A0014

Previews

White Background



This preview shows how the Hex color B186A7 looks on a white background.

Color Contrast Check

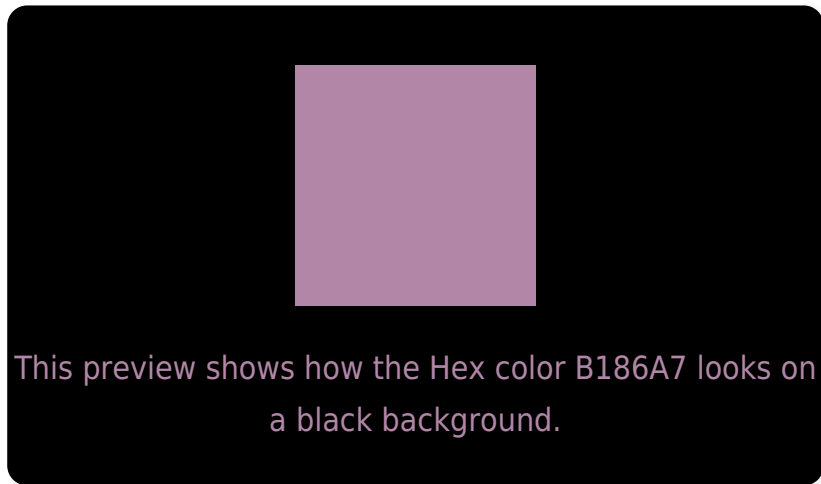
Large Text (above 18pt) WCAG AA ✓ Pass

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

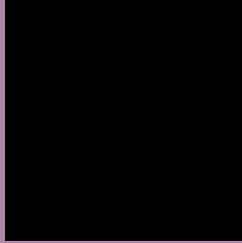
Any Text WCAG AA ✓ Pass

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 B186A7 Background



This preview shows how black text looks on a background with the Hex color B186A7.



This preview shows how white text looks on a background with the Hex color B186A7.

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



Original Color
B186A7

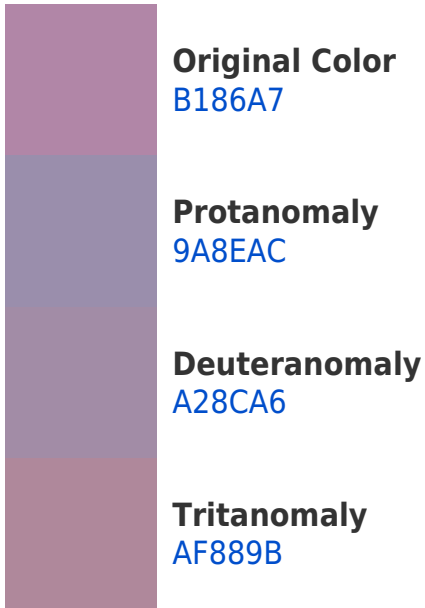
Protanopia
8D92AF

Deuteranopia
998FA5

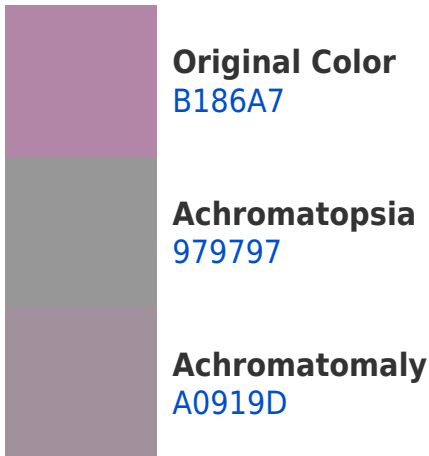


Tritanopia
AE8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B186A7 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 #B186A7 looks like.

```
.text, #text, p{  
    color:#B186A7  
}
```

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 #B186A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B186A7
}
```

Border

The CSS property to change the border of an element to Hex B186A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

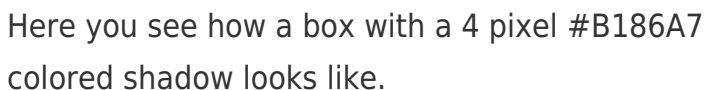
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B186A7 }
```

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

```
.border{ border-color:#B186A7 }
```

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



Here you see how a box with a 4 pixel #B186A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B186A7; -webkit-box-shadow:4px 4px  
4px 4px #B186A7; box-shadow:4px 4px 4px  
4px #B186A7 }
```

Background

The CSS property to change the background color of an element to Hex B186A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B186A7 }
```

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

```
.background{ background-color:#B186A7 }
```

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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