

Converting Colors

Hex(B46780)

Have a look what the booklet for
Hex(B46780) contains.

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Color

Hex(B46780)

Conversions

Conversions Part 1

Format	Color
Hex	B46780
RGB	180, 103, 128
RGB Percent	71%, 40%, 50%
CMY	0.2941, 0.5961, 0.4980
CMYK	0.00, 0.43, 0.29, 0.29
HSL	341°, 34%, 55%
HSV	341°, 43%, 71%
XYZ	27.5689, 20.9623, 23.0152
YIQ	128.8730, 37.8670, 24.0990

Conversions

Conversions Part 2

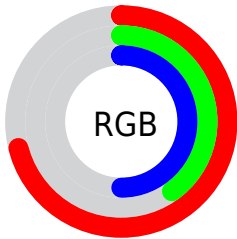
Format	Color
R_{YB}	180, 103, 128
Decimal	11822976
CIE Lab	52.91, 33.96, -0.33
CIE LCh	53, 33.960, 359.443
Yxy	20.9623, 0.3853, 0.2930
Android (android.graphics.Color)	4290013056 (0xFFB46780)
YUV	128.8730, -0.4304, 44.8384
Hunter-Lab	45.7846, 27.3596, 2.2451

Details

The Hex color **B46780** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **67B49B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **EE9CB5**, and **7D354F** is the 20% darker color. If you saturate the color by 10%, you get **B45574**, and if you desaturate by 10%, it is **B4798C**.

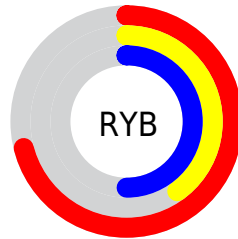
Distribution



Red (71%)

Green (40%)

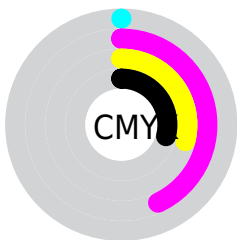
Blue (50%)



Red (71%)

Yellow (40%)

Blue (50%)

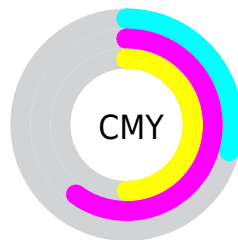


Cyan (0%)

Magenta (43%)

Yellow (29%)

Black (29%)



Cyan (29%)

Magenta (60%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color B46780 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 B46780 by changing the saturation by 10% instead.

 B46780

 B46780

FFFFFF

 984E67

 EE9CB5

 7D354F

 FFB7D0

 621D38

 FFD3EC

 490123

 FFEFFF

 31000D

 090000

 000000

 B46780

 B46780

 B45574

 B4798C

 B44368

 B48B98

 B4315C

 B49DA4

 B41F4F

 B4AFB1

 B40D43

 B4C1BD

 B4003A

 B4D3C9

 B4E5D5

 B4F7E1

 B4FFED

Harmonies

Analogous

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



A26D9C



B46780



B56963

Triad

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



B46780



73854A



0089B0

Complementary

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



B46780



67B49B

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.



008D9A



B46780



508B60

Square

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



B46780



917C43



1F8E7D



5081B8

Rectangle

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



B46780



AE6F53



1F8E7D



008BAA

Sweetspot

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



B46780



EBCCD6



9A67B4



756369



F5F5F5



757575

Same Dimension

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



B46780



EB739A



B47467



595053



990032



1A0008

Inverse Universe

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



B46780



EB739A



67A7B4



595053



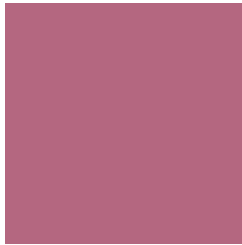
990032



1A0008

Previews

White Background



This preview shows how the Hex color B46780 looks on a white background.

Color Contrast Check

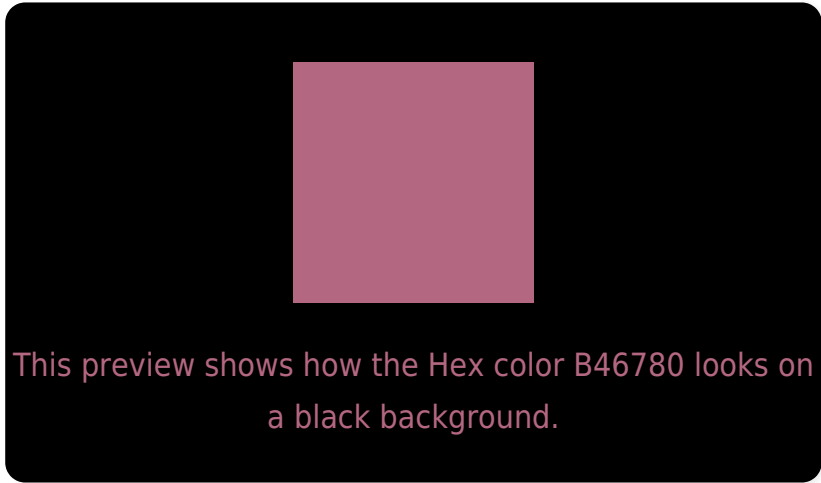
Large Text (above 18pt) WCAG AA ✓ Pass

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 B46780 Background



This preview shows how black text looks on a background with the Hex color B46780.




This preview shows how white text looks on a background with the Hex color B46780.

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](#).

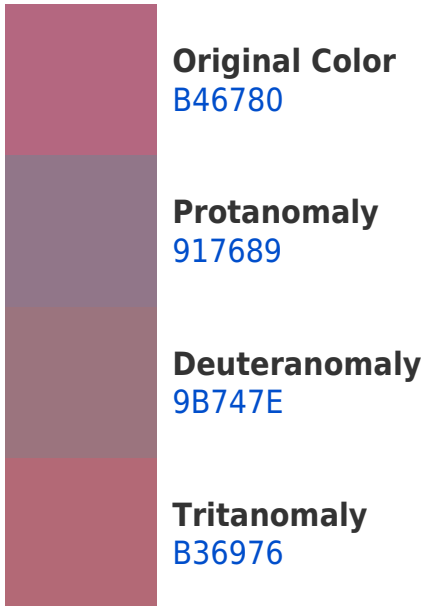
Dichromacy





Tritanopia
B36A71

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B46780 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 #B46780 looks like.

```
.text, #text, p{  
    color:#B46780  
}
```

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 #B46780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46780
}
```

Border

The CSS property to change the border of an element to Hex B46780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

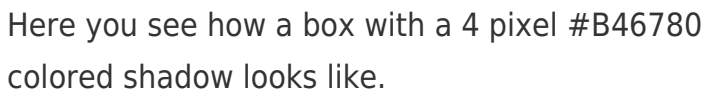
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46780 }
```

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

```
.border{ border-color:#B46780 }
```

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



Here you see how a box with a 4 pixel #B46780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46780; -webkit-box-shadow:4px 4px  
4px 4px #B46780; box-shadow:4px 4px 4px  
4px #B46780 }
```

Background

The CSS property to change the background color of an element to Hex B46780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46780 }
```

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

```
.background{ background-color:#B46780 }
```

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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