

# Converting Colors

Hex(B26E89)

Have a look what the booklet for  
Hex(B26E89) contains.

<b>Hex(B26E89)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(**B26E89**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B26E89</a>
RGB	<a href="#">178, 110, 137</a>
RGB Percent	<a href="#">70%, 43%, 54%</a>
CMY	<a href="#">0.3020, 0.5686, 0.4627</a>
CMYK	<a href="#">0.00, 0.38, 0.23, 0.30</a>
HSL	<a href="#">336°, 31%, 56%</a>
HSV	<a href="#">336°, 38%, 70%</a>
XYZ	<a href="#">28.4514, 22.4230, 26.4954</a>
YIQ	<a href="#">133.4100, 31.8610, 22.8130</a>

# Conversions

## Conversions Part 2

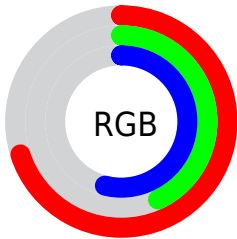
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 110, 137
Decimal	11693705
CIE <sub>Lab</sub>	54.47, 30.71, -3.36
CIE <sub>LCh</sub>	54, 30.891, 353.760
Yxy	22.4230, 0.3677, 0.2898
Android (android.graphics.Color)	4289883785 (0xFFB26E89)
YUV	133.4100, 1.7699, 39.1054
Hunter-Lab	47.3529, 24.3818, -0.0276

# Details

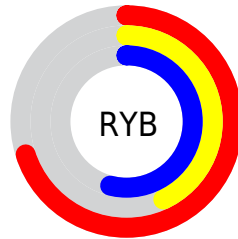
The Hex color **B26E89** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6EB297**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **EBA3BE**, and **7C3D57** is the 20% darker color. If you saturate the color by 10%, you get **B25C7E**, and if you desaturate by 10%, it is **B28094**.

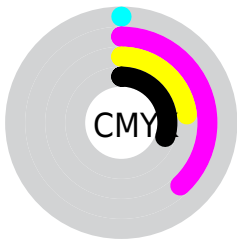
# Distribution



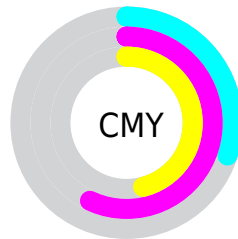
- Red (70%)
- Green (43%)
- Blue (54%)



- Red (70%)
- Yellow (43%)
- Blue (54%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (30%)



- Cyan (30%)
- Magenta (57%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B26E89 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 B26E89 by changing the saturation by 10% instead.



 B26E89

 B26E89

FFFFFF

 965570

 EBA3BE

 7C3D57

 FFBEDA

 622540

 FFD7F7

 480C2A

 FFF7FF

 300016

 110000

 000000

 B26E89

 B26E89

 B25C7E

 B28094

 B24A74

 B2929E

 B23969

 B2A3A9

 B2275E

 B2B5B4

 B21553

 B2C7BF

 B20349

 B2D9C9

 B20047

 B2EBD4

 B2FCDF

 B2FFEA

# Harmonies

## Analogous

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



9F74A2



B26E89



B66F6E

# Triad

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



B26E89



7E8751



228DAD

# Complementary

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



B26E89



6EB297

# 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.



159097



B26E89



5F8D62

# Square

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



B26E89



997F4D



3C907C



5287B7

# Rectangle

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



B26E89



B1735F



3C907C



148FA6



# Sweetspot

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



B26E89



E8CFD9



976EB2



75666C



F5F5F5



757575



# Same Dimension

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



B26E89



E87DA8



B2756E



595054



99003D



1A000A



# Inverse Universe

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



B26E89



E87DA8



6EABB2



595054



99003D

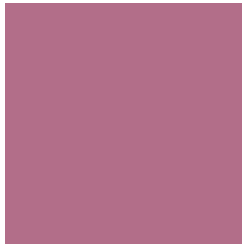


1A000A



# Previews

## White Background



This preview shows how the Hex color B26E89 looks on a white background.

## Color Contrast Check

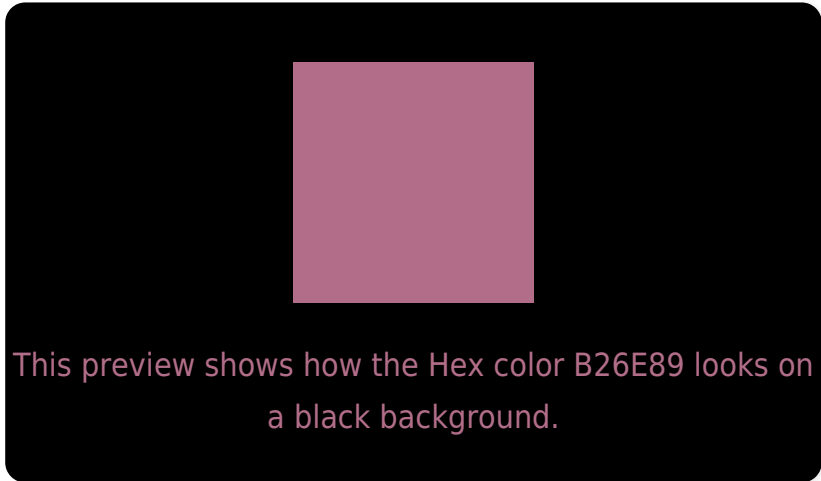
Large Text (above 18pt) WCAG AA ✓ Pass

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

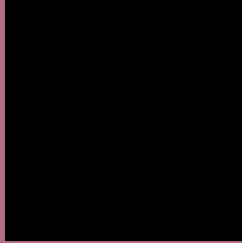
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B26E89 Background



This preview shows how black text looks on a background with the Hex color B26E89.



This preview shows how white text looks on a background with the Hex color B26E89.

# 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**  
B07179

# Trichromacy



**Original Color**  
B26E89

**Protanomaly**  
927B91

**Deuteranomaly**  
9B7987

**Tritanomaly**  
B1707F

# Monochromacy



**Original Color**  
B26E89

**Achromatopsia**  
858585

**Achromatomaly**  
957D86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B26E89 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 #B26E89 looks like.

```
.text, #text, p{  
    color:#B26E89  
}
```

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 #B26E89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26E89
}
```

## Border

The CSS property to change the border of an element to Hex B26E89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

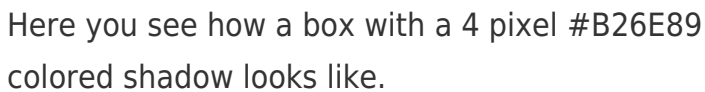
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B26E89 }
```

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

```
.border{ border-color:#B26E89 }
```

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



Here you see how a box with a 4 pixel #B26E89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26E89; -webkit-box-shadow:4px 4px  
4px 4px #B26E89; box-shadow:4px 4px 4px  
4px #B26E89 }
```

# Background

The CSS property to change the background color of an element to Hex B26E89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26E89 }
```

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

```
.background{ background-color:#B26E89 }
```

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