

# Converting Colors

Hex(B26F96)

Have a look what the booklet for  
Hex(B26F96) contains.

<b>Hex(B26F96)</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(B26F96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B26F96
RGB	178, 111, 150
RGB Percent	70%, 44%, 59%
CMY	0.3020, 0.5647, 0.4118
CMYK	0.00, 0.38, 0.16, 0.30
HSL	325°, 30%, 57%
HSV	325°, 38%, 70%
XYZ	29.5496, 23.0359, 31.7431
YIQ	135.4790, 27.4130, 26.3330

# Conversions

## Conversions Part 2

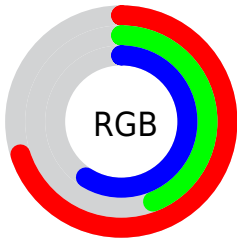
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 111, 150
Decimal	11693974
CIE <sub>Lab</sub>	55.11, 32.21, -10.01
CIE <sub>LCh</sub>	55, 33.735, 342.734
Yxy	23.0359, 0.3504, 0.2732
Android (android.graphics.Color)	4289884054 (0xFFB26F96)
YUV	135.4790, 7.1589, 37.2909
Hunter-Lab	47.9957, 25.9048, -5.6159

# Details

The Hex color **B26F96** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6FB28B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **EBA4CC**, and **7C3D63** is the 20% darker color. If you saturate the color by 10%, you get **B25D8F**, and if you desaturate by 10%, it is **B2819D**.

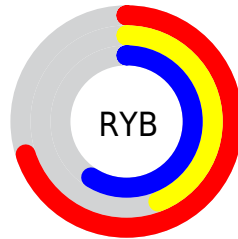
# Distribution



Red (70%)

Green (44%)

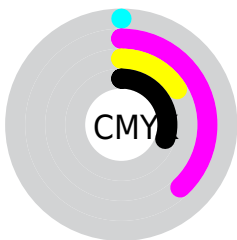
Blue (59%)



Red (70%)

Yellow (44%)

Blue (59%)

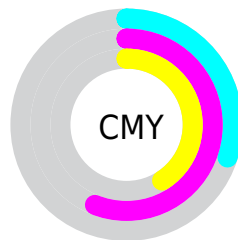


Cyan (0%)

Magenta (38%)

Yellow (16%)

Black (30%)



Cyan (30%)

Magenta (56%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B26F96 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 B26F96 by changing the saturation by 10% instead.



 B26F96

 B26F96

FFFFFF

 97567C

 EBA4CC

 7C3D63

 FFBFE8

 62254B

 FFDBFF

 490C35

 FFF8FF

 31001F

 160004

 000000

 B26F96

 B26F96

 B25D8F

 B2819D

 B24B87

 B293A5

 B23A80

 B2A4AC

 B22878

 B2B6B4

 B21671

 B2C8BB

 B20469

 B2DAC3

 B20068

 B2ECCA

 B2FDD2

 B2FFD9

# Harmonies

## Analogous

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



9778AF



B26F96



BC6D78

# Triad

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



B26F96



8A864A



0091AB

# Complementary

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



B26F96



6FB28B

# 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.



049390



B26F96



6A8E58

# Square

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



B26F96



A57C4C



449272



368CBB

# Rectangle

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



B26F96



BB7066



449272



0092A3



# Sweetspot

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



B26F96



E8CFDD



8B6FB2



75666F



F5F5F5



757575



# Same Dimension

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



B26F96



E880BC



B26F75



595056



990059



1A000F



# Inverse Universe

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



B26F96



E880BC



6FB2AC



595056



990059

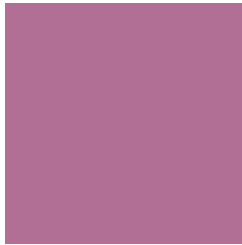


1A000F



# Previews

## White Background



This preview shows how the Hex color B26F96 looks on a white background.

## Color Contrast Check

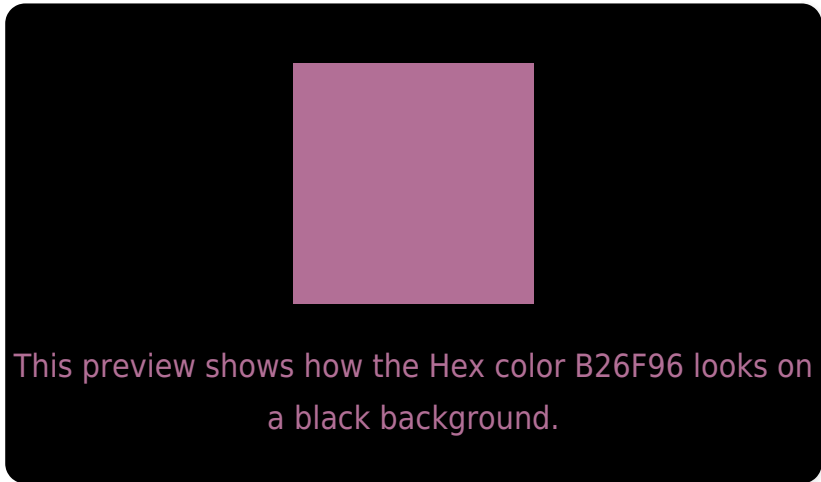
Large Text (above 18pt) WCAG AA ✓ Pass

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 B26F96 Background



This preview shows how black text looks on a background with the Hex color B26F96.



This preview shows how white text looks on a background with the Hex color B26F96.

# 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**  
AF747D

# Trichromacy



**Original Color**  
B26F96

**Protanomaly**  
907C9E

**Deuteranomaly**  
997A94

**Tritanomaly**  
B07286

# Monochromacy



**Original Color**  
B26F96

**Achromatopsia**  
878787

**Achromatomaly**  
977E8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B26F96 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 #B26F96 looks like.

```
.text, #text, p{  
    color:#B26F96  
}
```

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 #B26F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26F96
}
```

## Border

The CSS property to change the border of an element to Hex B26F96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

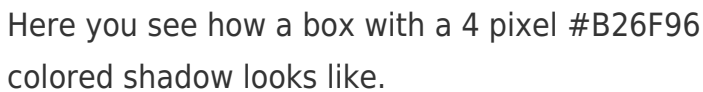
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B26F96 }
```

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

```
.border{ border-color:#B26F96 }
```

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



Here you see how a box with a 4 pixel #B26F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26F96; -webkit-box-shadow:4px 4px  
4px 4px #B26F96; box-shadow:4px 4px 4px  
4px #B26F96 }
```

# Background

The CSS property to change the background color of an element to Hex B26F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26F96 }
```

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

```
.background{ background-color:#B26F96 }
```

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