

# Converting Colors

Hex(B26701)

Have a look what the booklet for  
Hex(B26701) contains.

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**Color**

**Hex(B26701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B26701
RGB	178, 103, 1
RGB Percent	70%, 40%, 0%
CMY	0.3020, 0.5961, 0.9961
CMYK	0.00, 0.42, 0.99, 0.30
HSL	35°, 99%, 35%
HSV	35°, 99%, 70%
XYZ	23.2158, 19.1677, 2.5048
YIQ	113.7970, 77.4420, -15.8220

# Conversions

## Conversions Part 2

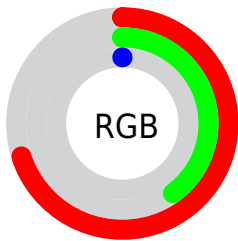
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 178, 1
Decimal	11691777
CIELab	50.88, 24.26, 58.43
CIELCh	51, 63.270, 67.452
Yxy	19.1677, 0.5172, 0.4270
Android (android.graphics.Color)	4289881857 (0xFFB26701)
YUV	113.7970, -55.6089, 56.3060
Hunter-Lab	43.7809, 18.0372, 27.2545

# Details

The Hex color **B26701** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **014CB2**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **EF9A40**, and **773700** is the 20% darker color. If you saturate the color by 10%, you get **B26700**, and if you desaturate by 10%, it is **B26F13**.

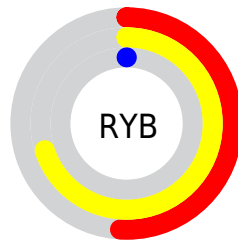
# Distribution



Red (70%)

Green (40%)

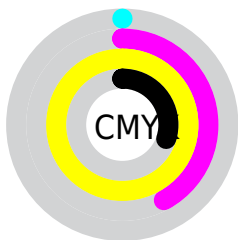
Blue (0%)



Red (51%)

Yellow (70%)

Blue (0%)

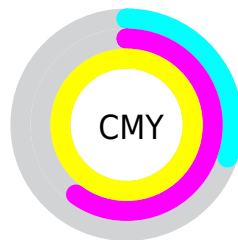


Cyan (0%)

Magenta (42%)

Yellow (99%)

Black (30%)



Cyan (30%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B26701 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 B26701 by changing the saturation by 10% instead.



 B26701

 B26701

FFFFFF

 944F00

 EF9A40

 773700

 FFB55A

 5A2100

 FFD174

 3E0A00

 FFED8F

 270001

 FFFFAB

 000000

 FFFFC7

 FFFF E3

 B26701

 B26701

 B26700

 B26F13

 B27625

 B27E36

 B28548

 B28D5A

 B2946C

 B29C7E

 B2A38F

 B2ABA1

# Harmonies

## Analogous

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



D04E3A



B26701



867B00

# Triad

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



B26701



009286



8B64D0

# Complementary

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



B26701



014CB2

# 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.



007BE5



B26701



0090BA

# Square

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



B26701



008F4D



008ADD



C34AA4

# Rectangle

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



B26701



618400



008ADD



6D6DDA



# Sweetspot

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



B26701



E8CBA2



B2014E



75634B



F5F5F5



757575



# Same Dimension

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



B26701



E88600



A6B201



595550



995800



1A0F00



# Inverse Universe

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



014CB2



0062E8



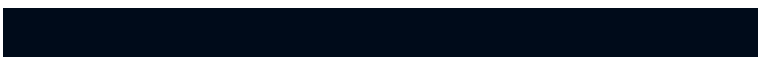
0D01B2



505459



004199

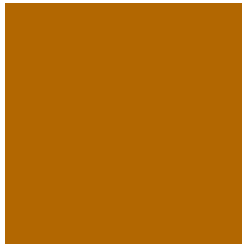


000B1A



# Previews

## White Background



This preview shows how the Hex color B26701 looks on a white background.

## Color Contrast Check

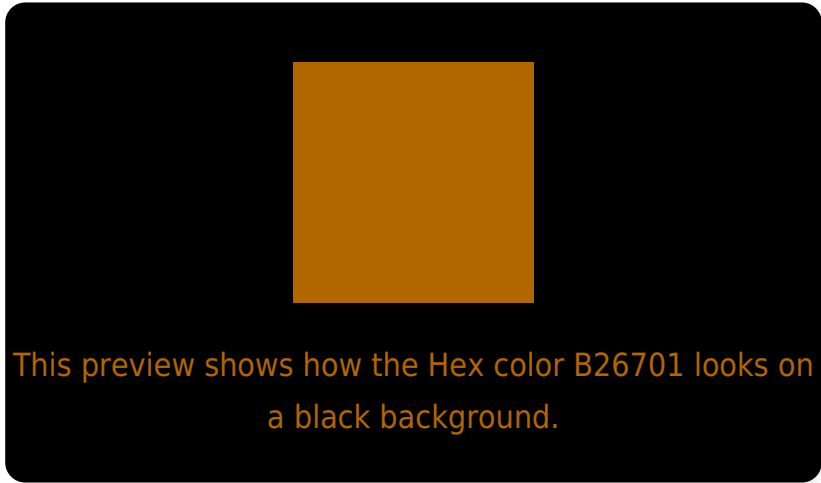
Large Text (above 18pt) WCAG AA ✓ Pass

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 B26701 Background



This preview shows how black text looks on a background with the Hex color B26701.



This preview shows how white text looks on a background with the Hex color B26701.

# 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**  
B26701

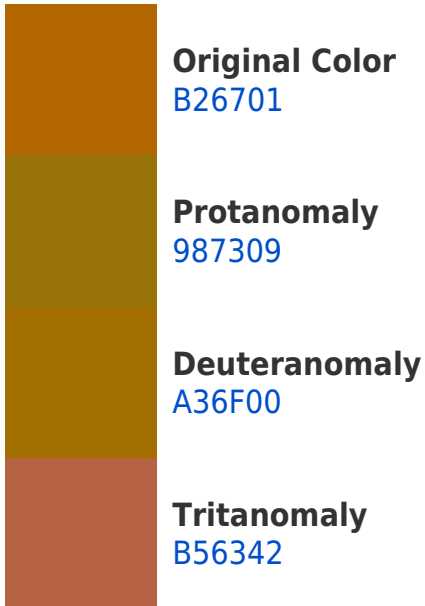
**Protanopia**  
897A0E

**Deuteranopia**  
9A7400

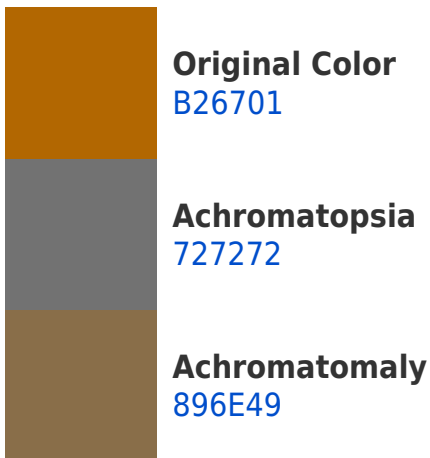


**Tritanopia**  
B66067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B26701 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 #B26701 looks like.

```
.text, #text, p{  
    color:#B26701  
}
```

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 #B26701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26701
}
```

## Border

The CSS property to change the border of an element to Hex B26701 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
#B26701 }
```

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

```
.border{ border-color:#B26701 }
```

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

Here you see how a box with a 4 pixel #B26701 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26701; -webkit-box-shadow:4px 4px  
4px 4px #B26701; box-shadow:4px 4px 4px  
4px #B26701 }
```

# Background

The CSS property to change the background color of an element to Hex B26701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26701 }
```

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

```
.background{ background-color:#B26701 }
```

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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