

Converting Colors

Hex(B26000)

Have a look what the booklet for
Hex(B26000) contains.

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Color

Hex(B26000)

Conversions

Conversions Part 1

Format	Color
Hex	B26000
RGB	178, 96, 0
RGB Percent	70%, 38%, 0%
CMY	0.3020, 0.6235, 1.0000
CMYK	0.00, 0.46, 1.00, 0.30
HSL	32°, 100%, 35%
HSV	32°, 100%, 70%
XYZ	22.5430, 17.8307, 2.2535
YIQ	109.5740, 79.6880, -12.4720

Conversions

Conversions Part 2

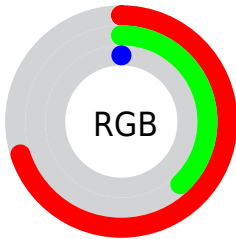
Format	Color
RYB	152, 178, 0
Decimal	11689984
CIELab	49.29, 28.08, 57.66
CIElCh	49, 64.131, 64.036
Yxy	17.8307, 0.5288, 0.4183
Android (android.graphics.Color)	4289880064 (0xFFB26000)
YUV	109.5740, -54.0200, 60.0096
Hunter-Lab	42.2264, 21.3976, 26.3943

Details

The Hex color **B26000** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0052B2**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **F0933E**, and **773000** is the 20% darker color. If you saturate the color by 10%, you get **B26000**, and if you desaturate by 10%, it is **B26812**.

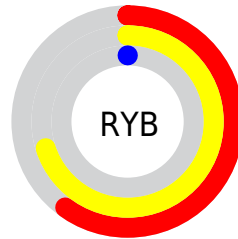
Distribution



Red (70%)

Green (38%)

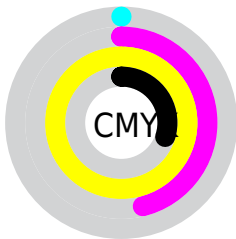
Blue (0%)



Red (60%)

Yellow (70%)

Blue (0%)

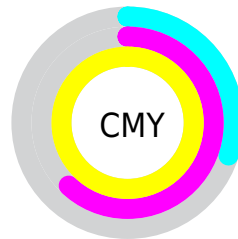


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B26000 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 B26000 by changing the saturation by 10% instead.

 B26000

 B26000

FFFFFFE

 944800

 F0933E

 773000

 FFAE58

 591900

 FFCA72

 3E0200

 FFE68D

 260001

 FFFFA8

 000000

 FFFFC4

 FFFFE1

 B26000

 B26812

 B27024

 B27935

 B28147

 B28959

 B2916B

 B2997D

 B2A28E

 B2AAA0

Harmonies

Analogous

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



CE463B



B26000



877500

Triad

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



B26000



008D7B



7D63D0

Complementary

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



B26000



0052B2

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.



007AE3



B26000



008DB1

Square

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



B26000



008A42



0087D7



BB47A6

Rectangle

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



B26000



637F00



0087D7



5A6BD9

Sweetspot

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



B26000



E8C8A2



B20053



75624B



F5F5F5



757575

Same Dimension

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



B26000



E87D00



ACB200



595550



995300



1A0E00

Inverse Universe

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



0052B2



006BE8



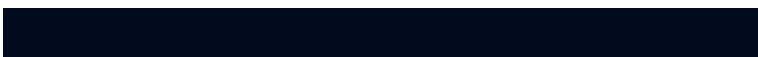
0600B2



505459



004699



000C1A

Previews

White Background



This preview shows how the Hex color B26000 looks on a white background.

Color Contrast Check

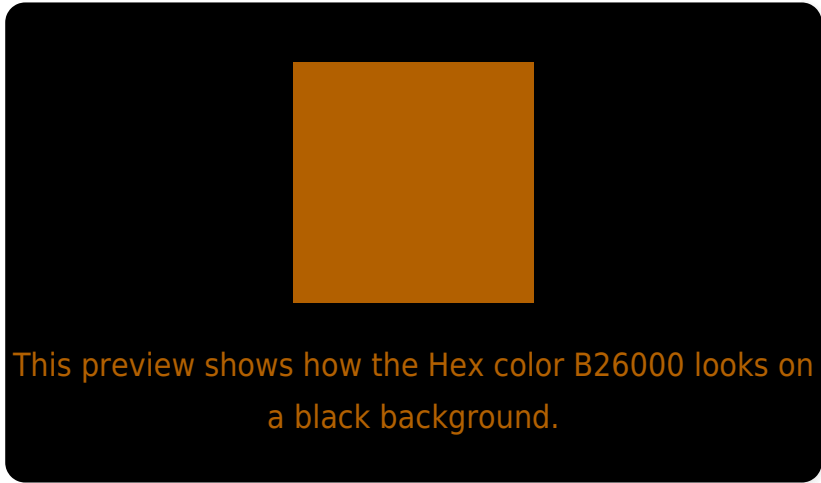
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 B26000 Background



This preview shows how black text looks on a background with the Hex color B26000.



This preview shows how white text looks on a background with the Hex color B26000.

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
B26000

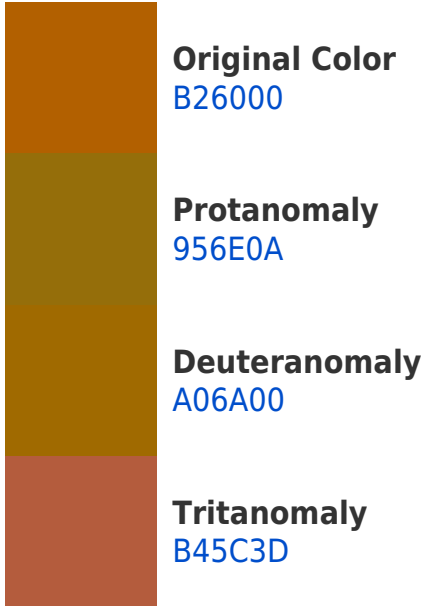
Protanopia
85760F

Deuteranopia
957000



Tritanopia
B55960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B26000 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 #B26000 looks like.

```
.text, #text, p{  
    color:#B26000  
}
```

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 #B26000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26000
}
```

Border

The CSS property to change the border of an element to Hex B26000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

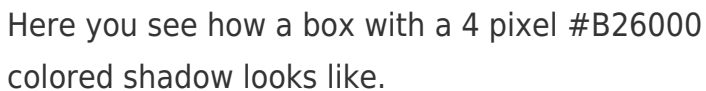
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B26000 }
```

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

```
.border{ border-color:#B26000 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border and a 4px orange shadow. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #B26000 colored shadow looks like."

Here you see how a box with a 4 pixel #B26000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26000; -webkit-box-shadow:4px 4px  
4px 4px #B26000; box-shadow:4px 4px 4px  
4px #B26000 }
```

Background

The CSS property to change the background color of an element to Hex B26000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26000 }
```

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

```
.background{ background-color:#B26000 }
```

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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