

# Converting Colors

Hex(B26A2B)

Have a look what the booklet for  
Hex(B26A2B) contains.

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**Color**

**Hex(B26A2B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B26A2B
RGB	178, 106, 43
RGB Percent	70%, 42%, 17%
CMY	0.3020, 0.5843, 0.8314
CMYK	0.00, 0.40, 0.76, 0.30
HSL	28°, 61%, 43%
HSV	28°, 76%, 70%
XYZ	23.9502, 19.9475, 4.8734
YIQ	120.3460, 63.1350, -4.3290

# Conversions

## Conversions Part 2

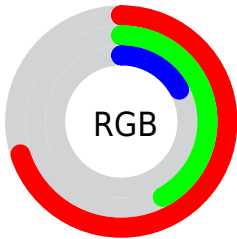
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 161, 43
Decimal	11692587
CIE <sub>Lab</sub>	51.78, 23.67, 45.85
CIE <sub>LCh</sub>	52, 51.595, 62.699
Yxy	19.9475, 0.4911, 0.4090
Android (android.graphics.Color)	4289882667 (0xFFB26A2B)
YUV	120.3460, -38.1316, 50.5626
Hunter-Lab	44.6626, 17.5606, 24.7943

# Details

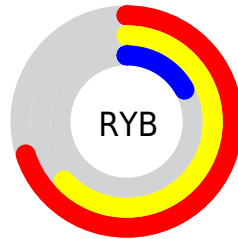
The Hex color **B26A2B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2B73B2**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **EE9E5C**, and **783A00** is the 20% darker color. If you saturate the color by 10%, you get **B26119**, and if you desaturate by 10%, it is **B2733D**.

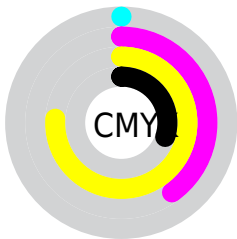
# Distribution



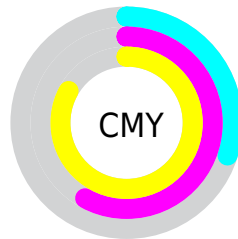
- Red (70%)
- Green (42%)
- Blue (17%)



- Red (70%)
- Yellow (63%)
- Blue (17%)



- Cyan (0%)
- Magenta (40%)
- Yellow (76%)
- Black (30%)



- Cyan (30%)
- Magenta (58%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B26A2B 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 B26A2B by changing the saturation by 10% instead.



 B26A2B

 B26A2B

FFFFFF

 955111

 EE9E5C

 783A00

 FFB976

 5C2300

 FFD590

 400D00

 FFF1AB

 290000

 FFFFC7

 000000

 FFFF E3

 B26A2B

 B26A2B

 B26119

 B2733D

 B25707

 B27D4F

 B25300

 B28660

 B29072

 B29984

 B2A396

 B2ACA8

 B2B6B9

 B2BFCB

# Harmonies

## Analogous

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



C8594E



B26A2B



8F7B19

# Triad

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



B26A2B



00917E



826EC6

# Complementary

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



B26A2B



2B73B2

# 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.



007FD4



B26A2B



0090AA

# Square

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



B26A2B



138E51



008AC9



B45BA5

# Rectangle

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



B26A2B



728322



008AC9



6974CD



# Sweetspot

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



B26A2B



E8CCB3



B22B73



756454



F5F5F5



757575



# Same Dimension

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



B26A2B



E87715



B2AE2B



595450



994700



1A0C00



# Inverse Universe

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



2B73B2



1586E8



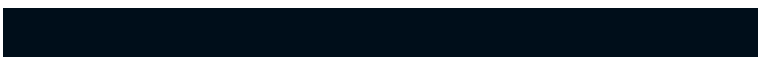
2B30B2



505559



005299



000E1A



# Previews

## White Background



This preview shows how the Hex color B26A2B looks on a white background.

## Color Contrast Check

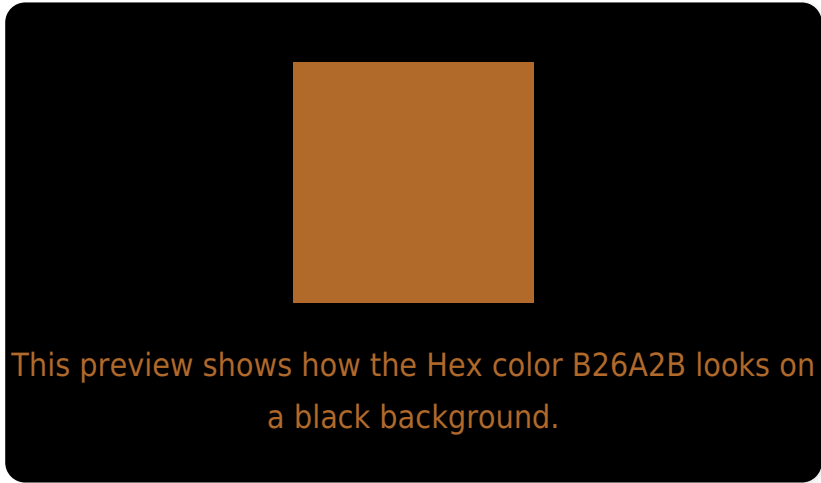
Large Text (above 18pt) WCAG AA ✓ Pass

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

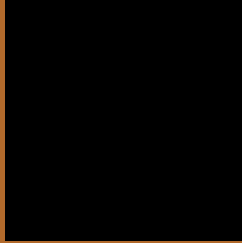
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B26A2B Background



This preview shows how black text looks on a background with the Hex color B26A2B.



This preview shows how white text looks on a background with the Hex color B26A2B.

# 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**  
B26A2B

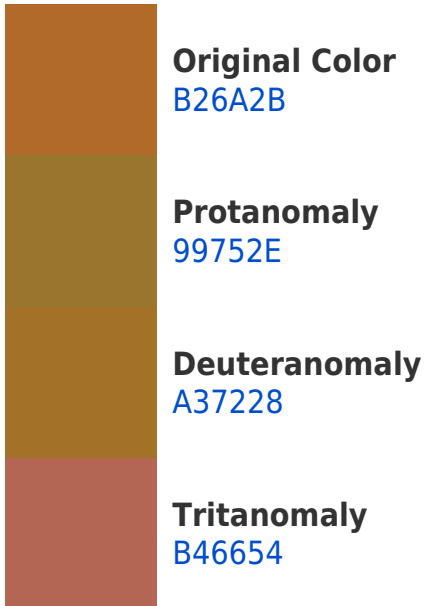
**Protanopia**  
8A7C30

**Deuteranopia**  
9B7627



**Tritanopia**  
B5636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B26A2B 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 #B26A2B looks like.

```
.text, #text, p{  
    color:#B26A2B  
}
```

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 #B26A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26A2B  
}
```

## Border

The CSS property to change the border of an element to Hex B26A2B 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  
#B26A2B }
```

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

```
.border{ border-color:#B26A2B }
```

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

Here you see how a box with a 4 pixel #B26A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26A2B; -webkit-box-shadow:4px 4px  
4px 4px #B26A2B; box-shadow:4px 4px 4px  
4px #B26A2B }
```

# Background

The CSS property to change the background color of an element to Hex B26A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26A2B }
```

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

```
.background{ background-color:#B26A2B }
```

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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