

# Converting Colors

Hex(B26727)

Have a look what the booklet for  
Hex(B26727) contains.

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**Color**

**Hex(B26727)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B26727
RGB	178, 103, 39
RGB Percent	70%, 40%, 15%
CMY	0.3020, 0.5961, 0.8471
CMYK	0.00, 0.42, 0.78, 0.30
HSL	28°, 64%, 43%
HSV	28°, 78%, 70%
XYZ	23.5766, 19.3120, 4.4044
YIQ	118.1290, 65.2440, -4.0040

# Conversions

## Conversions Part 2

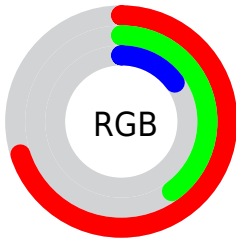
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 158, 39
Decimal	11691815
CIE <sub>Lab</sub>	51.05, 25.15, 46.95
CIE <sub>LCh</sub>	51, 53.261, 61.822
Yxy	19.3120, 0.4985, 0.4083
Android (android.graphics.Color)	4289881895 (0xFFB26727)
YUV	118.1290, -39.0106, 52.5069
Hunter-Lab	43.9454, 18.8603, 24.8194

# Details

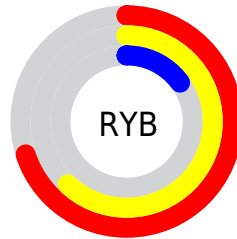
The Hex color **B26727** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2772B2**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **EE9B59**, and **783700** is the 20% darker color. If you saturate the color by 10%, you get **B25D15**, and if you desaturate by 10%, it is **B27139**.

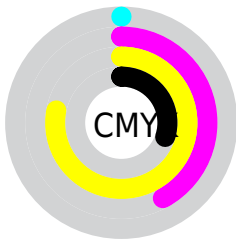
# Distribution



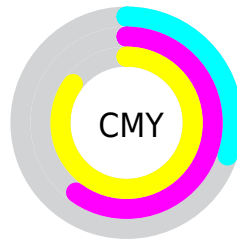
- Red (70%)
- Green (40%)
- Blue (15%)



- Red (70%)
- Yellow (62%)
- Blue (15%)



- Cyan (0%)
- Magenta (42%)
- Yellow (78%)
- Black (30%)



- Cyan (30%)
- Magenta (60%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B26727 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 B26727 by changing the saturation by 10% instead.





B26727



B26727

FFFFFF



954F0C



EE9B59



783700



FFB672



5B2000



FFD18C



400900



FFEEA7



280001



FFFFC3



000000



FFFFDF



FFFFFC



B26727



B26727

 B25D15

 B27139

 B25403

 B27A4B

 B25200

 B2845C

 B28D6E

 B29780

 B2A192

 B2AAA4

 B2B4B5

 B2BDC7

# Harmonies

## Analogous

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



C8554C



B26727



8E7811

# Triad

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



B26727



008F7B



7D6CC7

# Complementary

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



B26727



2772B2

# 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.



007ED5



B26727



008EA8

# Square

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



B26727



088C4C



0089C9



B358A5

# Rectangle

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



B26727



71811A



0089C9



6373CE



# Sweetspot

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



B26727



E8CBB3



B22773



756454



F5F5F5



757575



# Same Dimension

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



B26727



E8720E



B2AB27



595450



994600



1A0C00



# Inverse Universe

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



2772B2



0E84E8



272EB2



505559



005399



000E1A



# Previews

## White Background



This preview shows how the Hex color B26727 looks on a white background.

## Color Contrast Check

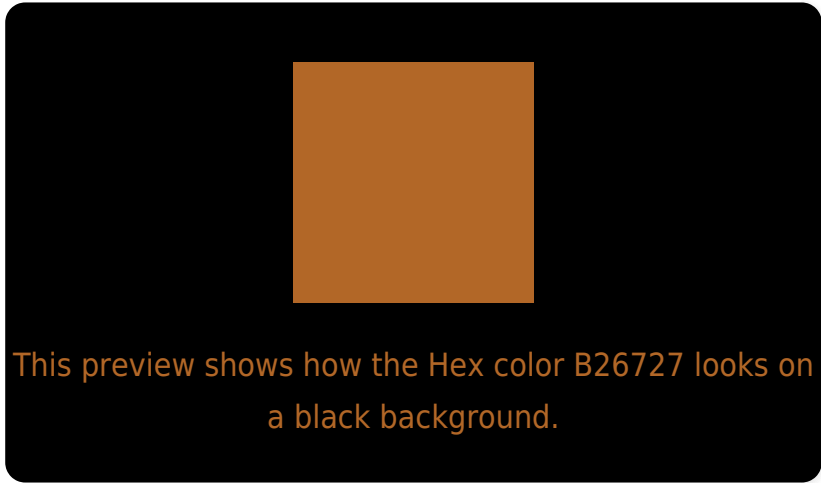
Large Text (above 18pt) WCAG AA ✓ Pass

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 B26727 Background



This preview shows how black text looks on a background with the Hex color B26727.



This preview shows how white text looks on a background with the Hex color B26727.

# 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**  
B26727

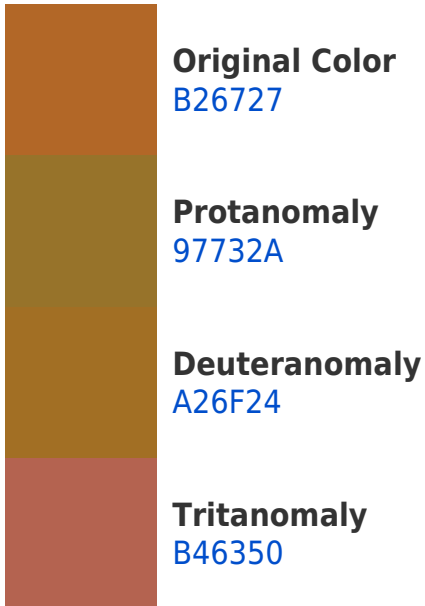
**Protanopia**  
887A2C

**Deuteranopia**  
997422



**Tritanopia**  
B56167

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B26727 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 #B26727 looks like.

```
.text, #text, p{  
    color:#B26727  
}
```

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 #B26727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B26727
}
```

## Border

The CSS property to change the border of an element to Hex B26727 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
#B26727 }
```

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

```
.border{ border-color:#B26727 }
```

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

Here you see how a box with a 4 pixel #B26727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B26727; -webkit-box-shadow:4px 4px  
4px 4px #B26727; box-shadow:4px 4px 4px  
4px #B26727 }
```

# Background

The CSS property to change the background color of an element to Hex B26727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B26727 }
```

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

```
.background{ background-color:#B26727 }
```

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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