

# Converting Colors

Hex(B27B2C)

Have a look what the booklet for  
Hex(B27B2C) contains.

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**Color**

**Hex(B27B2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B27B2C
RGB	178, 123, 44
RGB Percent	70%, 48%, 17%
CMY	0.3020, 0.5176, 0.8275
CMYK	0.00, 0.31, 0.75, 0.30
HSL	35°, 60%, 44%
HSV	35°, 75%, 70%
XYZ	25.8977, 23.8127, 5.6142
YIQ	130.4390, 58.1390, -12.9090

# Conversions

## Conversions Part 2

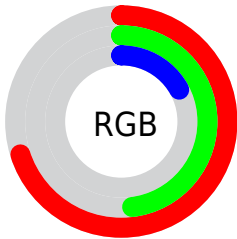
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 178, 44
Decimal	11696940
CIE <sub>Lab</sub>	55.90, 14.24, 49.53
CIE <sub>LCh</sub>	56, 51.530, 73.963
Yxy	23.8127, 0.4681, 0.4304
Android (android.graphics.Color)	4289887020 (0xFFB27B2C)
YUV	130.4390, -42.6144, 41.7110
Hunter-Lab	48.7983, 9.3345, 27.3375

# Details

The Hex color **B27B2C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2C63B2**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **EDAF5F**, and **794A00** is the 20% darker color. If you saturate the color by 10%, you get **B2741A**, and if you desaturate by 10%, it is **B2823E**.

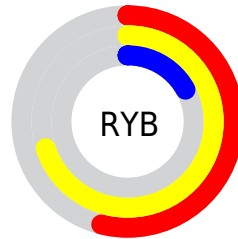
# Distribution



Red (70%)

Green (48%)

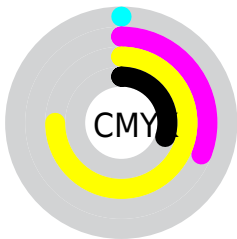
Blue (17%)



Red (54%)

Yellow (70%)

Blue (17%)

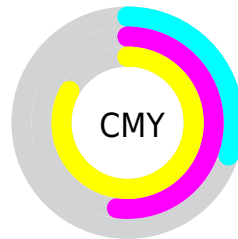


Cyan (0%)

Magenta (31%)

Yellow (75%)

Black (30%)



Cyan (30%)

Magenta (52%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B27B2C 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 B27B2C by changing the saturation by 10% instead.



 B27B2C

 B27B2C

FFFFFF

 956210

 EDAF5F

 794A00

 FFCB79

 5D3400


 FFE793

 421E00

 FFFFAF

 280900

 FFFFC A

 000000

 FFFF E7

 B27B2C

 B27B2C

 B2741A

 B2823E

 B26C08

 B28A50

 B26900

 B29161

 B29873

 B2A085

 B2A797

 B2AEA9

 B2B5BA

 B2BDCC

# Harmonies

## Analogous

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



CE6A4A



B27B2C



8A8A28

# Triad

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



B27B2C



009C9A



A371C7

# Complementary

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



B27B2C



2C63B2

# 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.



5A84DD



B27B2C



0099C3

# Square

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



B27B2C



009A6C



0092DC



CB61A0

# Rectangle

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



B27B2C



6A9237



0092DC



9078D1



# Sweetspot

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



B27B2C



E8D2B3



B22C64



756854



F5F5F5



757575



# Same Dimension

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



B27B2C



E89217



A7B22C



595650



995A00



1A0F00



# Inverse Universe

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



2C63B2



176DE8



372CB2



505459



003F99



000A1A



# Previews

## White Background



This preview shows how the Hex color B27B2C looks on a white background.

## Color Contrast Check

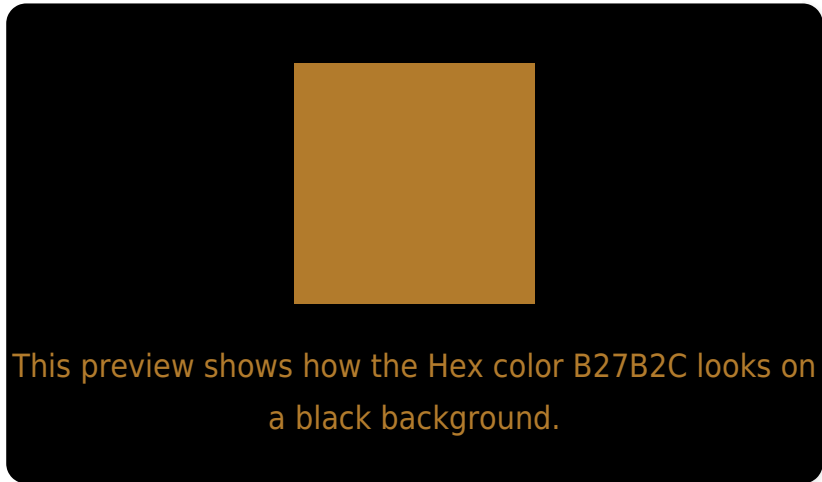
Large Text (above 18pt) WCAG AA ✓ Pass

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

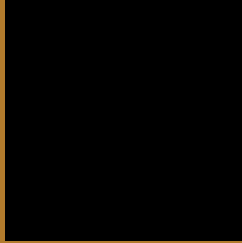
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B27B2C Background



This preview shows how black text looks on a background with the Hex color B27B2C.



This preview shows how white text looks on a background with the Hex color B27B2C.

# 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**  
B27B2C

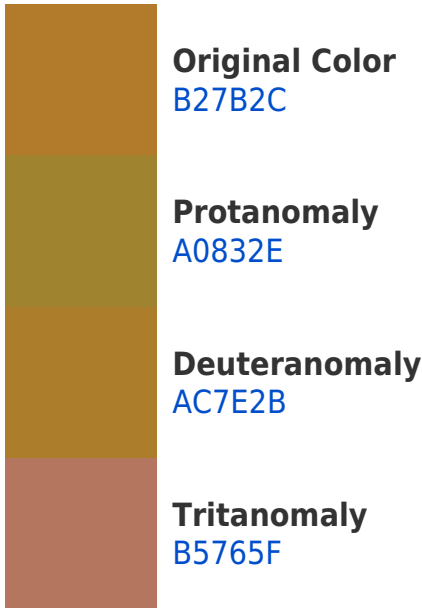
**Protanopia**  
96872F

**Deuteranopia**  
A8802A

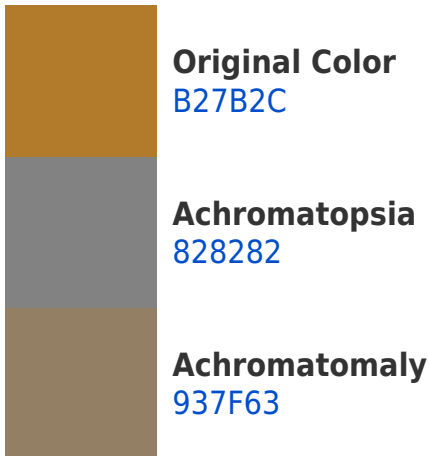


**Tritanopia**  
B7737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B27B2C 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 #B27B2C looks like.

```
.text, #text, p{  
    color:#B27B2C  
}
```

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 #B27B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B27B2C
}
```

## Border

The CSS property to change the border of an element to Hex B27B2C 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
#B27B2C }
```

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

```
.border{ border-color:#B27B2C }
```

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

Here you see how a box with a 4 pixel #B27B2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B27B2C; -webkit-box-shadow:4px 4px  
4px 4px #B27B2C; box-shadow:4px 4px 4px  
4px #B27B2C }
```

# Background

The CSS property to change the background color of an element to Hex B27B2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B27B2C }
```

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

```
.background{ background-color:#B27B2C }
```

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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