

# Converting Colors

Hex(B27C37)

Have a look what the booklet for  
Hex(B27C37) contains.

<b>Hex(B27C37)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B27C37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B27C37
RGB	178, 124, 55
RGB Percent	70%, 49%, 22%
CMY	0.3020, 0.5137, 0.7843
CMYK	0.00, 0.30, 0.69, 0.30
HSL	34°, 53%, 46%
HSV	34°, 69%, 70%
XYZ	26.2573, 24.1561, 6.8931
YIQ	132.2800, 54.3330, -10.0110

# Conversions

## Conversions Part 2

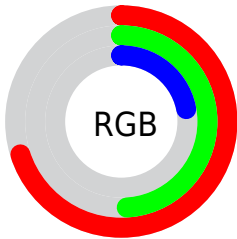
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 178, 55
Decimal	11697207
CIELab	56.24, 14.25, 44.85
CIELCh	56, 47.056, 72.377
Yxy	24.1561, 0.4582, 0.4215
Android (android.graphics.Color)	4289887287 (0xFFB27C37)
YUV	132.2800, -38.0990, 40.0964
Hunter-Lab	49.1489, 9.3515, 26.0888

# Details

The Hex color **B27C37** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **376DB2**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **EDB169**, and **794B02** is the 20% darker color. If you saturate the color by 10%, you get **B27425**, and if you desaturate by 10%, it is **B28449**.

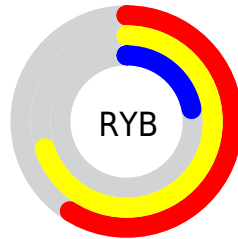
# Distribution



Red (70%)

Green (49%)

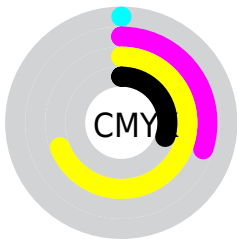
Blue (22%)



Red (59%)

Yellow (70%)

Blue (22%)

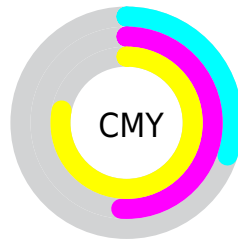


Cyan (0%)

Magenta (30%)

Yellow (69%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B27C37 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 B27C37 by changing the saturation by 10% instead.





B27C37



B27C37

FFFFFF



95631E



EDB169



794B02



FFCC83



5E3400



FFE89E



431F00



FFFFB9



290A00



FFFFD5



000000



FFFFF2



B27C37



B27C37



B27425



B28449

 B26C13

 B28C5B

 B26502

 B2936C

 B26400

 B29B7E

 B2A390

 B2ABA2

 B2B3B4

 B2BBC5

 B2C2D7

# Harmonies

## Analogous

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



CB6D52



B27C37



8E8A32

# Triad

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



B27C37



009B97



A075C4

# Complementary

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



B27C37



376DB2

# 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.



5E85D7



B27C37



0099BD

# Square

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



B27C37



0E9A6D



0092D4



C567A1

# Rectangle

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



B27C37



71913E



0092D4



8D7BCC



# Sweetspot

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



B27C37



E8D3B7



B2376E



756858



F5F5F5



757575



# Same Dimension

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



B27C37



E89327



ACB237



595550



995600



1A0E00



# Inverse Universe

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



376DB2



277CE8



3D37B2



505459



004399

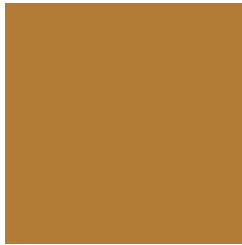


000B1A



# Previews

## White Background



This preview shows how the Hex color B27C37 looks on a white background.

## Color Contrast Check

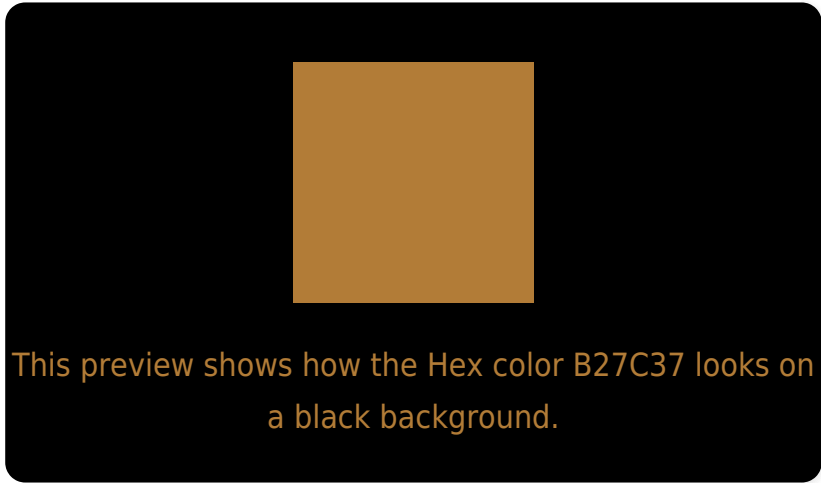
Large Text (above 18pt) WCAG AA ✓ Pass

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 B27C37 Background



This preview shows how black text looks on a background with the Hex color B27C37.



This preview shows how white text looks on a background with the Hex color B27C37.

# 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**  
B27C37

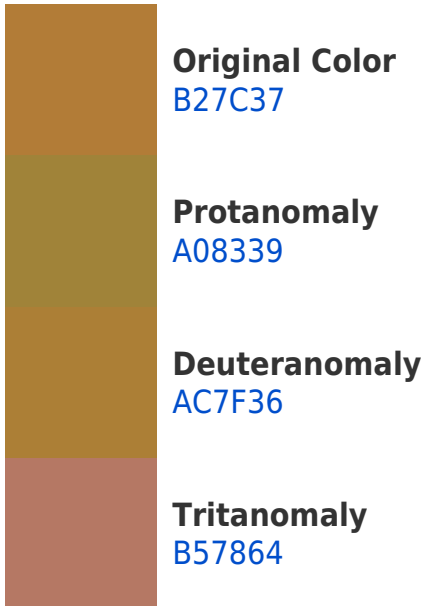
**Protanopia**  
96873A

**Deuteranopia**  
A88136

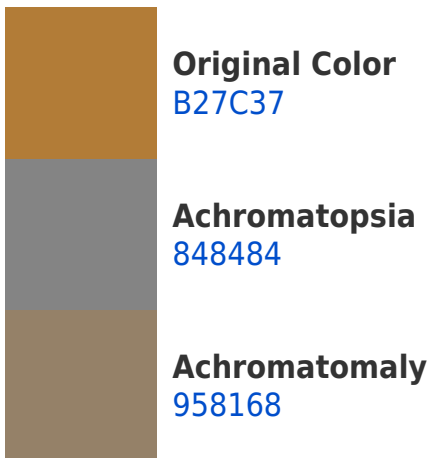


**Tritanopia**  
B7757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B27C37 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 #B27C37 looks like.

```
.text, #text, p{  
    color:#B27C37  
}
```

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 #B27C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B27C37
}
```

## Border

The CSS property to change the border of an element to Hex B27C37 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
#B27C37 }
```

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

```
.border{ border-color:#B27C37 }
```

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

Here you see how a box with a 4 pixel #B27C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B27C37; -webkit-box-shadow:4px 4px  
4px 4px #B27C37; box-shadow:4px 4px 4px  
4px #B27C37 }
```

# Background

The CSS property to change the background color of an element to Hex B27C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B27C37 }
```

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

```
.background{ background-color:#B27C37 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor