

# Converting Colors

Hex(B27516)

Have a look what the booklet for  
Hex(B27516) contains.

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**Color**

**Hex(B27516)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B27516
RGB	178, 117, 22
RGB Percent	70%, 46%, 9%
CMY	0.3020, 0.5412, 0.9137
CMYK	0.00, 0.34, 0.88, 0.30
HSL	37°, 78%, 39%
HSV	37°, 88%, 70%
XYZ	24.8662, 22.2455, 3.7423
YIQ	124.4090, 66.8510, -16.6130

# Conversions

## Conversions Part 2

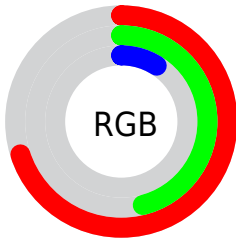
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 178, 22
Decimal	11695382
CIE Lab	54.29, 16.83, 56.16
CIE LCh	54, 58.624, 73.319
Yxy	22.2455, 0.4890, 0.4374
Android (android.graphics.Color)	4289885462 (0xFFB27516)
YUV	124.4090, -50.4876, 46.9993
Hunter-Lab	47.1651, 11.5691, 28.3113

# Details

The Hex color **B27516** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1653B2**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **EEA94D**, and **784500** is the 20% darker color. If you saturate the color by 10%, you get **B26E04**, and if you desaturate by 10%, it is **B27C28**.

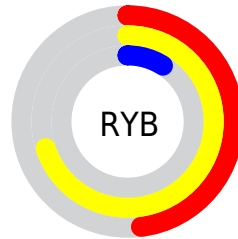
# Distribution



Red (70%)

Green (46%)

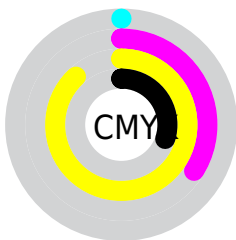
Blue (9%)



Red (48%)

Yellow (70%)

Blue (9%)

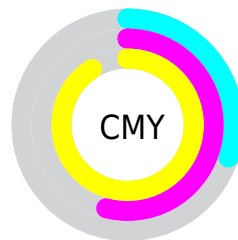


Cyan (0%)

Magenta (34%)

Yellow (88%)

Black (30%)



Cyan (30%)

Magenta (54%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B27516 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 B27516 by changing the saturation by 10% instead.





B27516



B27516

FFFFFF



955C00



EEA94D



784500



FFC467



5C2E00



FFE081



401900



FFFD9D



270200



FFFFB8



000000



FFFFD5



FFFFF1



B27516



B27516

 B26E04

 B27C28

 B26C00

 B2833A

 B28A4B

 B2915D

 B2986F

 B29F81

 B2A693

 B2ADA4

 B2B4B6

# Harmonies

## Analogous

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



D1603E



B27516



868609

# Triad

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



B27516



009A98



A16ACC

# Complementary

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



B27516



1653B2

# 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.



4280E5



B27516



0097C6

# Square

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



B27516



009863



008FE3



CF55A0

# Rectangle

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



B27516



628F23



008FE3



8972D7



# Sweetspot

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



B27516



E8D0AC



B21654



756751



F5F5F5



757575



# Same Dimension

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



B27516



E88D00



A2B216



595650



995D00



1A1000



# Inverse Universe

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



1653B2



005BE8



2616B2



505459



003C99



000A1A



# Previews

## White Background



This preview shows how the Hex color B27516 looks on a white background.

## Color Contrast Check

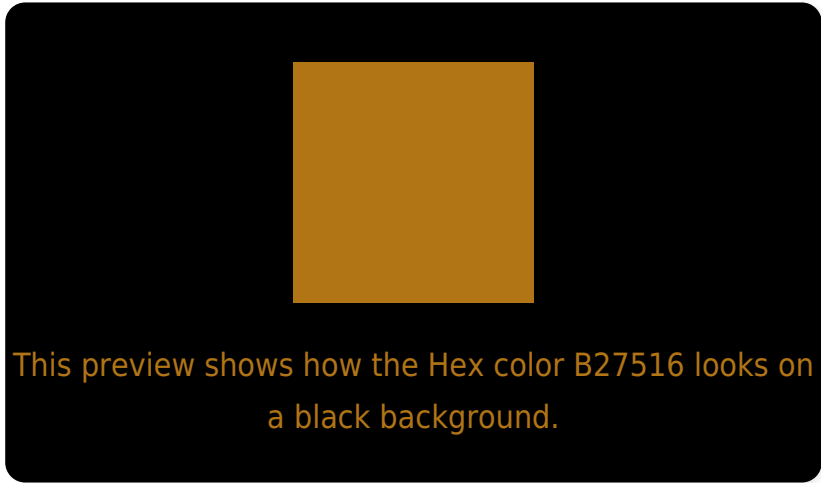
Large Text (above 18pt) WCAG AA ✓ Pass

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 B27516 Background



This preview shows how black text looks on a background with the Hex color B27516.



This preview shows how white text looks on a background with the Hex color B27516.

# 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**  
B27516

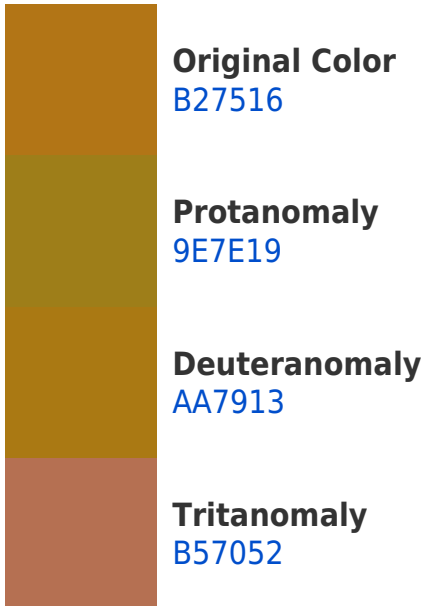
**Protanopia**  
93831A

**Deuteranopia**  
A57C11

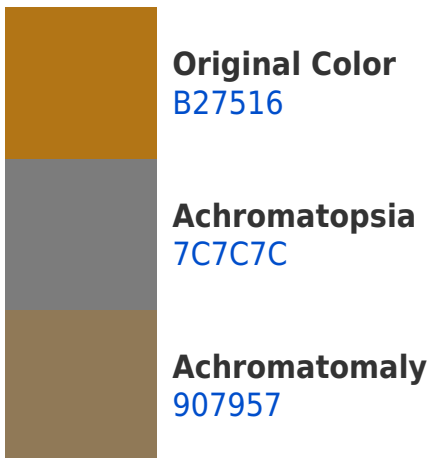


**Tritanopia**  
B76D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B27516 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 #B27516 looks like.

```
.text, #text, p{  
    color:#B27516  
}
```

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 #B27516 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B27516
}
```

## Border

The CSS property to change the border of an element to Hex B27516 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
#B27516 }
```

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

```
.border{ border-color:#B27516 }
```

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

Here you see how a box with a 4 pixel #B27516 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B27516; -webkit-box-shadow:4px 4px  
4px 4px #B27516; box-shadow:4px 4px 4px  
4px #B27516 }
```

# Background

The CSS property to change the background color of an element to Hex B27516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B27516 }
```

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

```
.background{ background-color:#B27516 }
```

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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