

# Converting Colors

Hex(B37D26)

Have a look what the booklet for  
Hex(B37D26) contains.

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**Color**

**Hex(B37D26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B37D26
RGB	179, 125, 38
RGB Percent	70%, 49%, 15%
CMY	0.2980, 0.5098, 0.8510
CMYK	0.00, 0.30, 0.79, 0.30
HSL	37°, 65%, 43%
HSV	37°, 79%, 70%
XYZ	26.2739, 24.3909, 5.1568
YIQ	131.2280, 60.1110, -15.6090

# Conversions

## Conversions Part 2

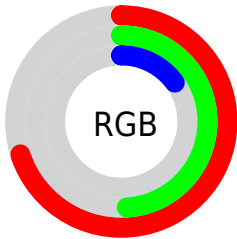
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 179, 38
Decimal	11762982
CIE <sub>Lab</sub>	56.48, 13.31, 52.60
CIE <sub>LCh</sub>	56, 54.257, 75.800
Yxy	24.3909, 0.4707, 0.4369
Android (android.graphics.Color)	4289953062 (0xFFB37D26)
YUV	131.2280, -45.9614, 41.8960
Hunter-Lab	49.3871, 8.5343, 28.3801

# Details

The Hex color **B37D26** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **265CB3**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **EFB15A**, and **794C00** is the 20% darker color. If you saturate the color by 10%, you get **B37614**, and if you desaturate by 10%, it is **B38438**.

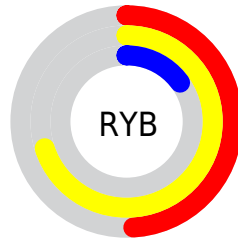
# Distribution



Red (70%)

Green (49%)

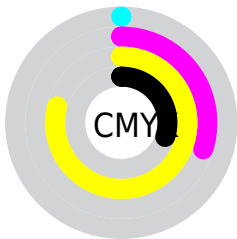
Blue (15%)



Red (49%)

Yellow (70%)

Blue (15%)

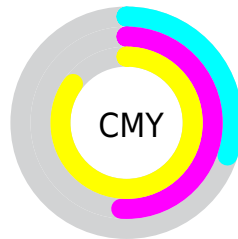


Cyan (0%)

Magenta (30%)

Yellow (79%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B37D26 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 B37D26 by changing the saturation by 10% instead.



 B37D26

 B37D26

FFFFFF

 966406

 EFB15A

 794C00

 FFCD74

 5E3600

 FFE98E

 422000

 FFFFAA

 290C00

 FFFFC6

 000000

 FFFFEE

 B37D26

 B37D26

 B37614

 B38438

 B36F02

 B38B4A

 B36E00

 B3925C

 B3986E

 B39F80

 B3A691

 B3ADA3

 B3B4B5

 B3BBC7

# Harmonies

## Analogous

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



D16A45



B37D26



898D23

# Triad

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



B37D26



009EA0



AA70CA

# Complementary

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



B37D26



265CB3

# 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.



5D84E3



B37D26



009BCA

# Square

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



B37D26



009D6F



0093E3



D25FA0

# Rectangle

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



B37D26



669435



0093E3



9577D4



# Sweetspot

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



B37D26



E8D3B0



B3265C



756853



F5F5F5



757575



# Same Dimension

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



B37D26



E8940C



A3B326



595650



995E00



1A1000



# Inverse Universe

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



265CB3



0C60E8



3626B3



505459



003B99



000A1A



# Previews

## White Background



This preview shows how the Hex color B37D26 looks on a white background.

## Color Contrast Check

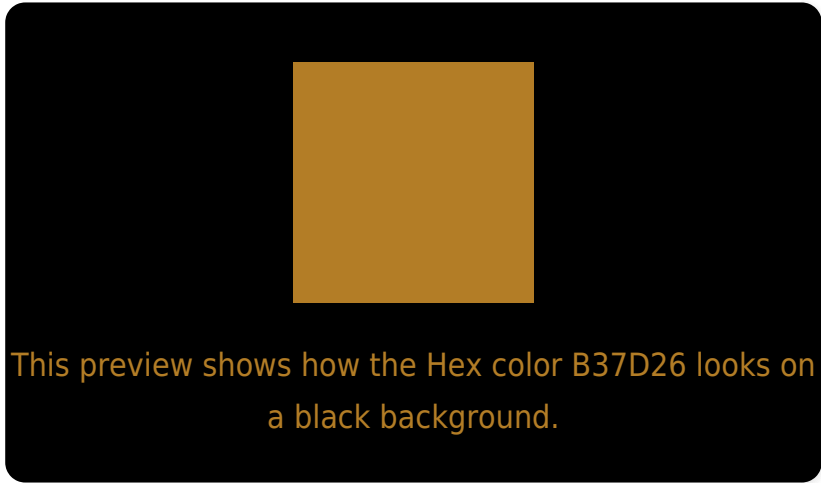
Large Text (above 18pt) WCAG AA ✓ Pass

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 B37D26 Background



This preview shows how black text looks on a background with the Hex color B37D26.



This preview shows how white text looks on a background with the Hex color B37D26.

# 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**  
B37D26

**Protanopia**  
988829

**Deuteranopia**  
AB8124

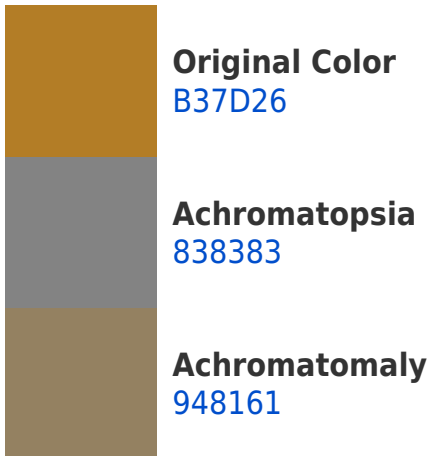


**Tritanopia**  
B8757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B37D26 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 #B37D26 looks like.

```
.text, #text, p{  
    color:#B37D26  
}
```

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 #B37D26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B37D26
}
```

## Border

The CSS property to change the border of an element to Hex B37D26 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
#B37D26 }
```

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

```
.border{ border-color:#B37D26 }
```

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

Here you see how a box with a 4 pixel #B37D26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B37D26; -webkit-box-shadow:4px 4px  
4px 4px #B37D26; box-shadow:4px 4px 4px  
4px #B37D26 }
```

# Background

The CSS property to change the background color of an element to Hex B37D26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B37D26 }
```

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

```
.background{ background-color:#B37D26 }
```

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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