

Converting Colors

Hex(B37612)

Have a look what the booklet for
Hex(B37612) contains.

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Color

Hex(B37612)

Conversions

Conversions Part 1

Format	Color
Hex	B37612
RGB	179, 118, 18
RGB Percent	70%, 46%, 7%
CMY	0.2980, 0.5373, 0.9294
CMYK	0.00, 0.34, 0.90, 0.30
HSL	37°, 82%, 39%
HSV	37°, 90%, 70%
XYZ	25.1780, 22.5842, 3.6044
YIQ	124.8390, 68.4560, -18.1680

Conversions

Conversions Part 2

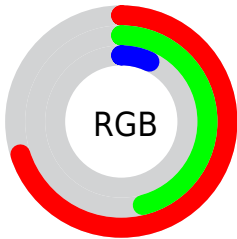
Format	Color
R_{YB}	116, 179, 18
Decimal	11761170
CIE _{Lab}	54.64, 16.63, 57.58
CIE _{LCh}	55, 59.931, 73.891
Y _{xy}	22.5842, 0.4902, 0.4397
Android (android.graphics.Color)	4289951250 (0xFFB37612)
YUV	124.8390, -52.6716, 47.4992
Hunter-Lab	47.5229, 11.4057, 28.7691

Details

The Hex color **B37612** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **124FB3**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **EFAA4B**, and **794600** is the 20% darker color. If you saturate the color by 10%, you get **B36F00**, and if you desaturate by 10%, it is **B37D24**.

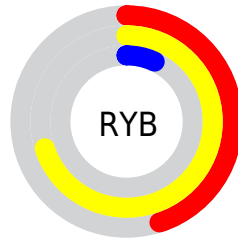
Distribution



Red (70%)

Green (46%)

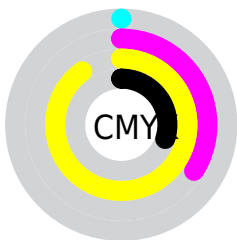
Blue (7%)



Red (45%)

Yellow (70%)

Blue (7%)

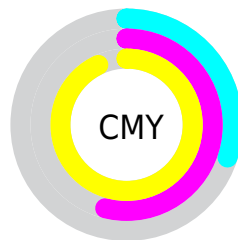


Cyan (0%)

Magenta (34%)

Yellow (90%)

Black (30%)



Cyan (30%)

Magenta (54%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B37612 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 B37612 by changing the saturation by 10% instead.

 B37612

 B37612

FFFFFF

 965D00

 EFAA4B

 794600

 FFC565

 5C2F00

 FFE17F

 411A00

 FFFE9B

 280300

 FFFFB6

 000000

 FFFFD3

 FFFFEF

 B37612

 B37612

 B36F00

 B37D24

 B38436

 B38A48

 B3915A

 B3986B

 B39F7D

 B3A58F

 B3ACA1

 B3B3B3

Harmonies

Analogous

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



D3603D



B37612



868804

Triad

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



B37612



009B9A



A46ACE

Complementary

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



B37612



124FB3

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.



4380E8



B37612



0099CA

Square

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



B37612



009964



0090E6



D254A1

Rectangle

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



B37612



619022



0090E6



8C72D9

Sweetspot

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



B37612



E8D0A9



B31250



756750



F5F5F5



757575

Same Dimension

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



B37612



E89000



A0B312



595650



995F00



1A1000

Inverse Universe

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



124FB3



0058E8



2512B3



505459



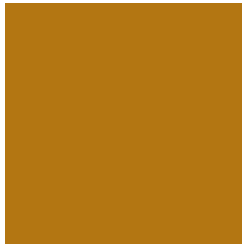
003A99



000A1A

Previews

White Background



This preview shows how the Hex color B37612 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 B37612 Background



This preview shows how black text looks on a background with the Hex color B37612.



This preview shows how white text looks on a background with the Hex color B37612.

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
B37612

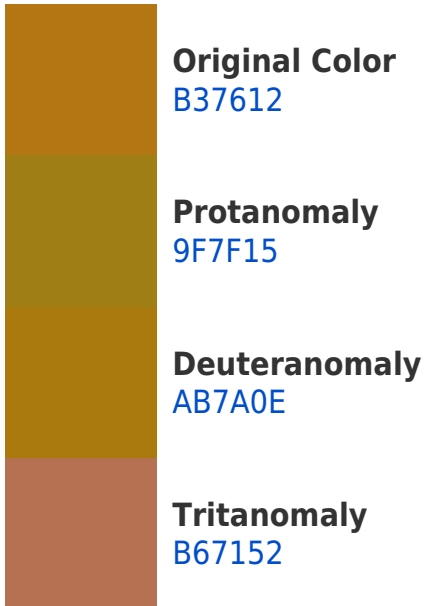
Protanopia
948416

Deuteranopia
A67C0B

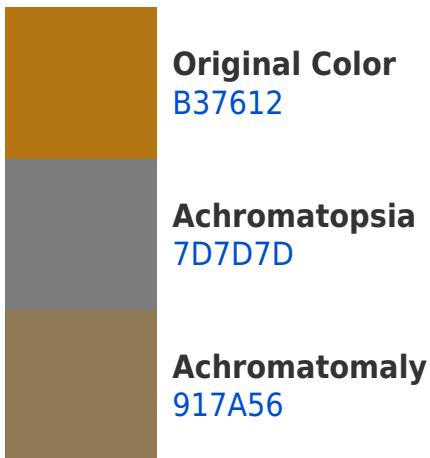


Tritanopia
B86E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B37612 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 #B37612 looks like.

```
.text, #text, p{  
    color:#B37612  
}
```

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 #B37612 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B37612
}
```

Border

The CSS property to change the border of an element to Hex B37612 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
#B37612 }
```

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

```
.border{ border-color:#B37612 }
```

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

Here you see how a box with a 4 pixel #B37612 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B37612; -webkit-box-shadow:4px 4px  
4px 4px #B37612; box-shadow:4px 4px 4px  
4px #B37612 }
```

Background

The CSS property to change the background color of an element to Hex B37612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B37612 }
```

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

```
.background{ background-color:#B37612 }
```

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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