

Converting Colors

Hex(B47B12)

Have a look what the booklet for
Hex(B47B12) contains.

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Color

Hex(B47B12)

Conversions

Conversions Part 1

Format	Color
Hex	B47B12
RGB	180, 123, 18
RGB Percent	71%, 48%, 7%
CMY	0.2941, 0.5176, 0.9294
CMYK	0.00, 0.32, 0.90, 0.29
HSL	39°, 82%, 39%
HSV	39°, 90%, 71%
XYZ	26.0145, 23.9129, 3.8168
YIQ	128.0730, 67.6770, -20.5710

Conversions

Conversions Part 2

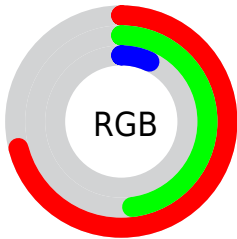
Format	Color
R_{YB}	106, 180, 18
Decimal	11827986
CIE _{Lab}	56.00, 14.29, 58.68
CIE _{LCh}	56, 60.398, 76.316
Yxy	23.9129, 0.4840, 0.4449
Android (android.graphics.Color)	4290018066 (0xFFB47B12)
YUV	128.0730, -54.2660, 45.5400
Hunter-Lab	48.9008, 9.3830, 29.6029

Details

The Hex color **B47B12** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **124BB4**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F0AF4B**, and **7A4A00** is the 20% darker color. If you saturate the color by 10%, you get **B47500**, and if you desaturate by 10%, it is **B48124**.

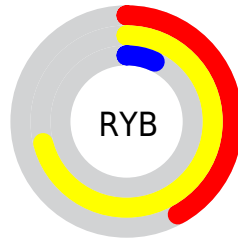
Distribution



Red (71%)

Green (48%)

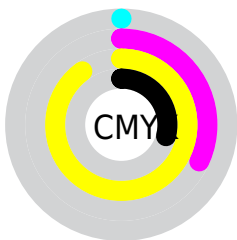
Blue (7%)



Red (42%)

Yellow (71%)

Blue (7%)

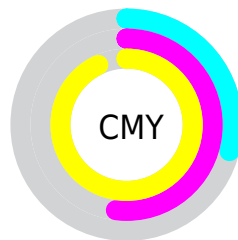


Cyan (0%)

Magenta (32%)

Yellow (90%)

Black (29%)



Cyan (29%)

Magenta (52%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B47B12 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 B47B12 by changing the saturation by 10% instead.

 B47B12

 B47B12

FFFFFF

 976200

 F0AF4B

 7A4A00

 FFCB66

 5D3400

 FFE781

 421F00

 FFFF9C

 290A00

 FFFFB8

 000000

 FFFFD4

 FFFFF1

 B47B12

 B47B12

■ B47500

■ B48124

■ B48836

■ B48E48

■ B4945A

■ B49B6C

■ B4A17E

■ B4A790

■ B4AEA2

■ B4B4B4

Harmonies

Analogous

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



D6653C



B47B12



858C0C

Triad

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



B47B12



009FA2



AD6BCF

Complementary

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



B47B12



124BB4

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.



5382EC



B47B12



009CD1

Square

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



B47B12



009D6C



0093EC



D956A1

Rectangle

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



B47B12



5F9529



0093EC



9673DB

Sweetspot

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



B47B12



EBD4AB



B4124D



756850



F5F5F5



757575

Same Dimension

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



B47B12



EB9800



9EB412



595650



996300



1A1100

Inverse Universe

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



124BB4



0053EB



2812B4



505359



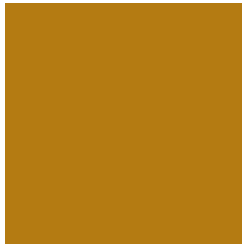
003699



00091A

Previews

White Background



This preview shows how the Hex color B47B12 looks on a white background.

Color Contrast Check

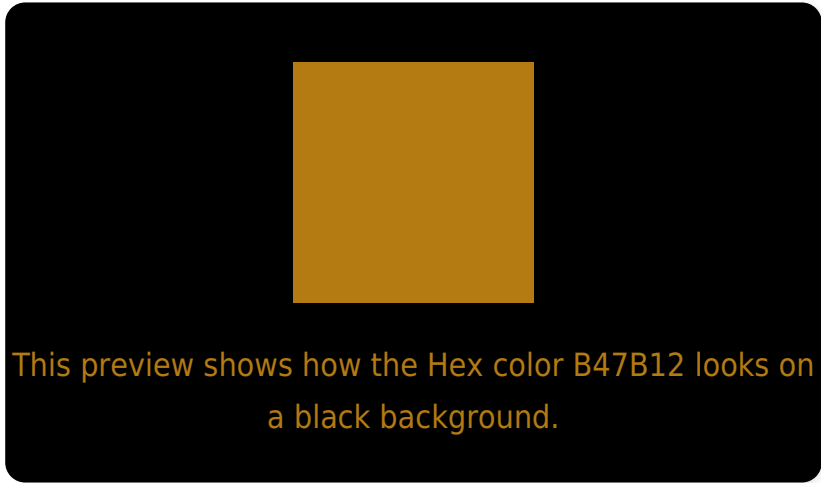
Large Text (above 18pt) WCAG AA ✓ Pass

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 B47B12 Background



This preview shows how black text looks on a background with the Hex color B47B12.



This preview shows how white text looks on a background with the Hex color B47B12.

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
B47B12

Protanopia
988716

Deuteranopia
AA800D

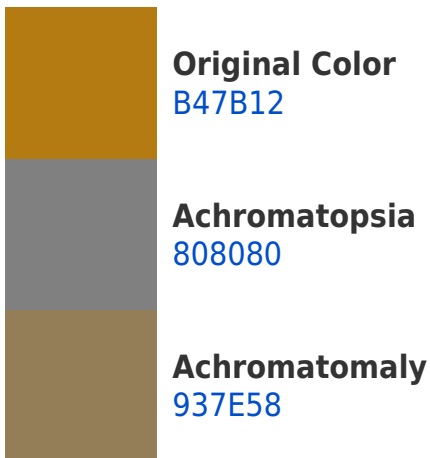


Tritanopia
B9727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B47B12 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 #B47B12 looks like.

```
.text, #text, p{  
    color:#B47B12  
}
```

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 #B47B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47B12
}
```

Border

The CSS property to change the border of an element to Hex B47B12 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
#B47B12 }
```

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

```
.border{ border-color:#B47B12 }
```

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

Here you see how a box with a 4 pixel #B47B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47B12; -webkit-box-shadow:4px 4px  
4px 4px #B47B12; box-shadow:4px 4px 4px  
4px #B47B12 }
```

Background

The CSS property to change the background color of an element to Hex B47B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47B12 }
```

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

```
.background{ background-color:#B47B12 }
```

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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