

Converting Colors

Hex(B47C08)

Have a look what the booklet for
Hex(B47C08) contains.

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Color

Hex(B47C08)

Conversions

Conversions Part 1

Format	Color
Hex	B47C08
RGB	180, 124, 8
RGB Percent	71%, 49%, 3%
CMY	0.2941, 0.5137, 0.9686
CMYK	0.00, 0.31, 0.96, 0.29
HSL	40°, 91%, 37%
HSV	40°, 96%, 71%
XYZ	26.0739, 24.1361, 3.5142
YIQ	127.5200, 70.6120, -24.2040

Conversions

Conversions Part 2

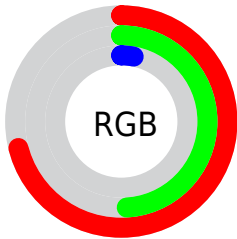
Format	Color
RYB	91, 180, 8
Decimal	11828232
CIELab	56.22, 13.57, 60.85
CIElCh	56, 62.342, 77.425
Yxy	24.1361, 0.4853, 0.4493
Android (android.graphics.Color)	4290018312 (0xFFB47C08)
YUV	127.5200, -58.9234, 46.0250
Hunter-Lab	49.1285, 8.7599, 30.1489

Details

The Hex color **B47C08** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0840B4**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **F0B047**, and **7A4B00** is the 20% darker color. If you saturate the color by 10%, you get **B47900**, and if you desaturate by 10%, it is **B4821A**.

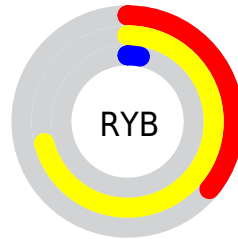
Distribution



Red (71%)

Green (49%)

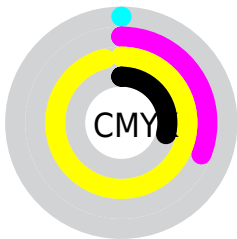
Blue (3%)



Red (36%)

Yellow (71%)

Blue (3%)

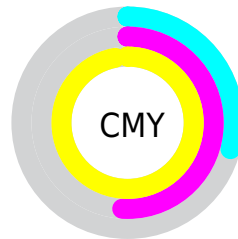


Cyan (0%)

Magenta (31%)

Yellow (96%)

Black (29%)



Cyan (29%)

Magenta (51%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color B47C08 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 B47C08 by changing the saturation by 10% instead.

 B47C08

 B47C08

FFFFFF

 976300

 F0B047

 7A4B00

 FFCC62

 5D3500

 FFE87C

 422000

 FFFF98

 280B00

 FFFFB3

 000000

 FFFF00

 FFFF00

 B47C08

 B47C08

■ B47900

■ B4821A

■ B4882C

■ B48E3E

■ B49350

■ B49962

■ B49F74

■ B4A586

■ B4AB98

■ B4B1AA

Harmonies

Analogous

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



D86538



B47C08



838E03

Triad

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



B47C08



00A0A6



B16AD1

Complementary

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



B47C08



0840B4

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.



5582EF



B47C08



009DD6

Square

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



B47C08



009F6D



0094F1



DD54A0

Rectangle

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



B47C08



5B9627



0094F1



9972DE

Sweetspot

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



B47C08



EBD4A7



B40841



75684C



F5F5F5



757575

Same Dimension

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



B47C08



EB9E00



97B408



595650



996700



1A1100

Inverse Universe

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



0840B4



004CEB



2508B4



505359



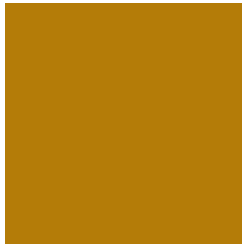
003299



00081A

Previews

White Background



This preview shows how the Hex color B47C08 looks on a white background.

Color Contrast Check

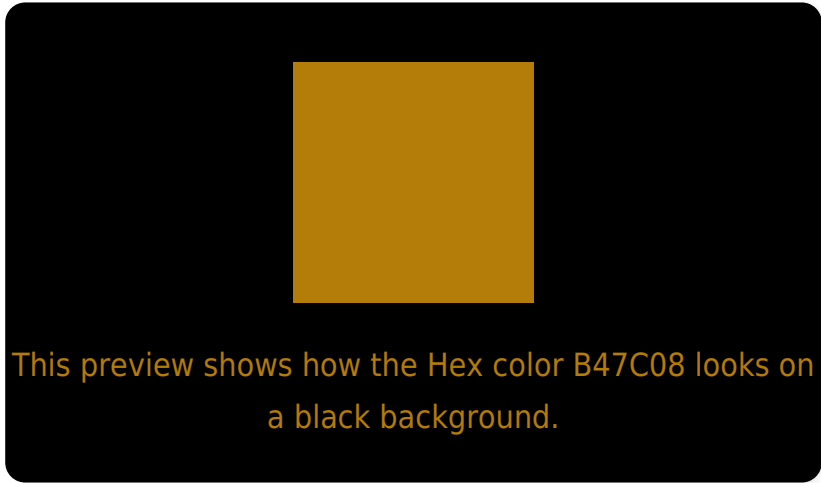
Large Text (above 18pt) WCAG AA ✓ Pass

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 B47C08 Background



This preview shows how black text looks on a background with the Hex color B47C08.



This preview shows how white text looks on a background with the Hex color B47C08.

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
B47C08

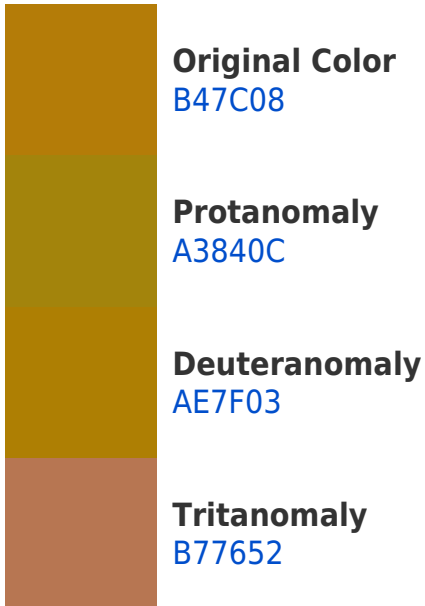
Protanopia
99880E

Deuteranopia
AB8000

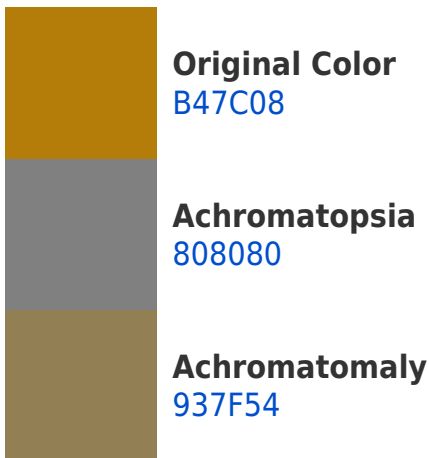


Tritanopia
B9737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B47C08 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 #B47C08 looks like.

```
.text, #text, p{  
    color:#B47C08  
}
```

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 #B47C08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47C08
}
```

Border

The CSS property to change the border of an element to Hex B47C08 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
#B47C08 }
```

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

```
.border{ border-color:#B47C08 }
```

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

Here you see how a box with a 4 pixel #B47C08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47C08; -webkit-box-shadow:4px 4px  
4px 4px #B47C08; box-shadow:4px 4px 4px  
4px #B47C08 }
```

Background

The CSS property to change the background color of an element to Hex B47C08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47C08 }
```

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

```
.background{ background-color:#B47C08 }
```

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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