

Converting Colors

Hex(B47D09)

Have a look what the booklet for
Hex(B47D09) contains.

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Color

Hex(B47D09)

Conversions

Conversions Part 1

Format	Color
Hex	B47D09
RGB	180, 125, 9
RGB Percent	71%, 49%, 4%
CMY	0.2941, 0.5098, 0.9647
CMYK	0.00, 0.31, 0.95, 0.29
HSL	41°, 90%, 37%
HSV	41°, 95%, 71%
XYZ	26.2053, 24.3903, 3.5851
YIQ	128.2210, 70.0160, -24.4160

Conversions

Conversions Part 2

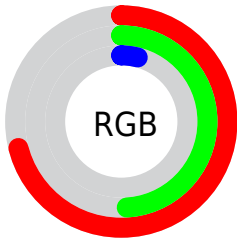
Format	Color
R_{YB}	90, 180, 9
Decimal	11828489
CIE _{Lab}	56.48, 13.03, 60.86
CIE _{LCh}	56, 62.236, 77.916
Yxy	24.3903, 0.4837, 0.4502
Android (android.graphics.Color)	4290018569 (0xFFB47D09)
YUV	128.2210, -58.7760, 45.4102
Hunter-Lab	49.3865, 8.2888, 30.2666

Details

The Hex color **B47D09** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0940B4**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F0B148**, and **7A4C00** is the 20% darker color. If you saturate the color by 10%, you get **B47A00**, and if you desaturate by 10%, it is **B4831B**.

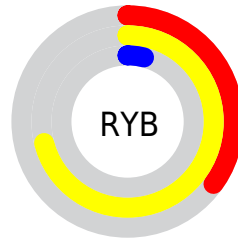
Distribution



Red (71%)

Green (49%)

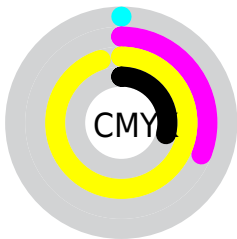
Blue (4%)



Red (35%)

Yellow (71%)

Blue (4%)

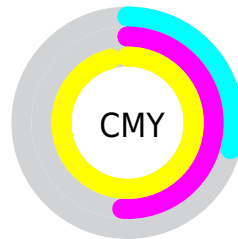


Cyan (0%)

Magenta (31%)

Yellow (95%)

Black (29%)



Cyan (29%)

Magenta (51%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B47D09 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 B47D09 by changing the saturation by 10% instead.

 B47D09

 B47D09

FFFFFF

 976400

 F0B148

 7A4C00

 FFCD62

 5D3600

 FFE97D

 422000

 FFFF98

 290C00

 FFFFB4

 000000

 FFFFD1

 FFFFED

 B47D09

 B47D09

 B47A00

 B4831B

 B4892D

 B48E3F

 B49451

 B49A63

 B4A075

 B4A687

 B4AB99

 B4B1AB

Harmonies

Analogous

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



D86638



B47D09



838F06

Triad

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



B47D09



00A1A7



B26AD1

Complementary

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



B47D09



0940B4

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.



5982EF



B47D09



009ED7

Square

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



B47D09



009F6F



0094F2



DE54A0

Rectangle

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



B47D09



5A9729



0094F2



9B72DE

Sweetspot

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



B47D09



EBD5A7



B40942



75684C



F5F5F5



757575

Same Dimension

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



B47D09



EB9F00



98B409



595650



996800



1A1100

Inverse Universe

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



0940B4



004BEB



2509B4



505359



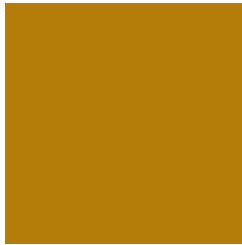
003199



00081A

Previews

White Background



This preview shows how the Hex color B47D09 looks on a white background.

Color Contrast Check

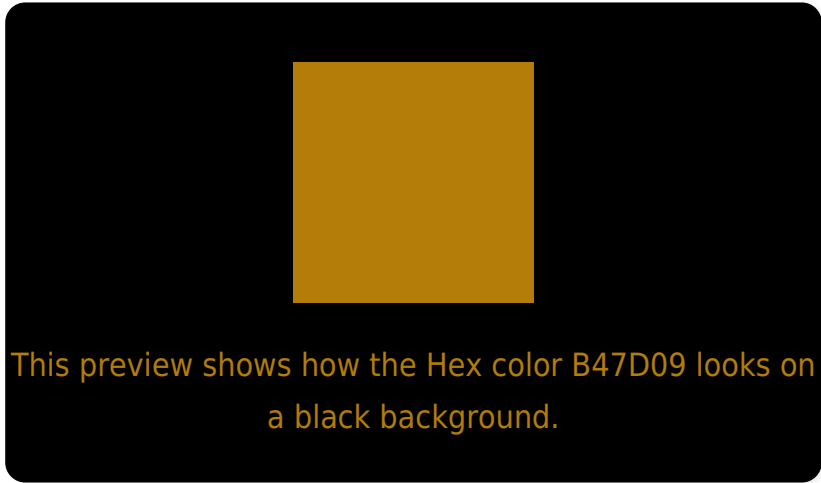
Large Text (above 18pt) WCAG AA ✓ Pass

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 B47D09 Background



This preview shows how black text looks on a background with the Hex color B47D09.



This preview shows how white text looks on a background with the Hex color B47D09.

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
B47D09

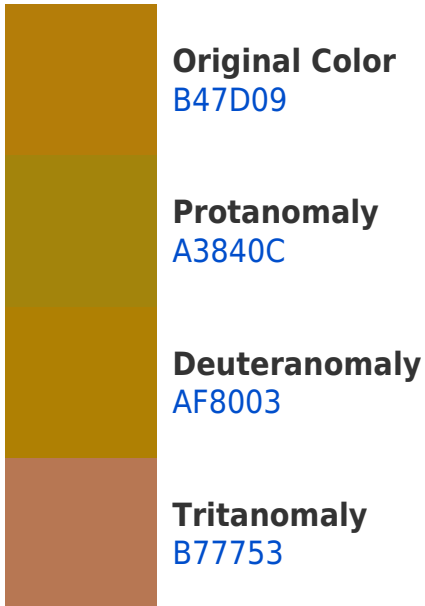
Protanopia
99880E

Deuteranopia
AC8100

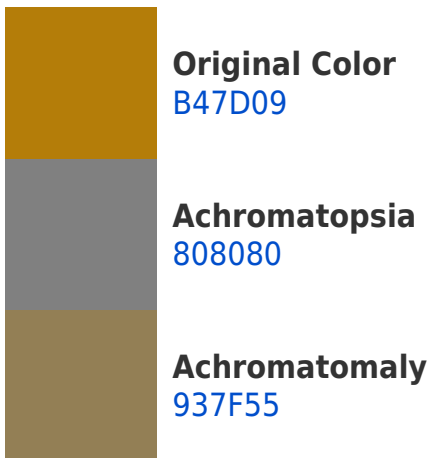


Tritanopia
B9747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B47D09 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 #B47D09 looks like.

```
.text, #text, p{  
    color:#B47D09  
}
```

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 #B47D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47D09
}
```

Border

The CSS property to change the border of an element to Hex B47D09 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
#B47D09 }
```

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

```
.border{ border-color:#B47D09 }
```

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

Here you see how a box with a 4 pixel #B47D09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47D09; -webkit-box-shadow:4px 4px  
4px 4px #B47D09; box-shadow:4px 4px 4px  
4px #B47D09 }
```

Background

The CSS property to change the background color of an element to Hex B47D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47D09 }
```

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

```
.background{ background-color:#B47D09 }
```

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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