

Converting Colors

Hex(B87A17)

Have a look what the booklet for
Hex(B87A17) contains.

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Color

Hex(B87A17)

Conversions

Conversions Part 1

Format	Color
Hex	B87A17
RGB	184, 122, 23
RGB Percent	72%, 48%, 9%
CMY	0.2784, 0.5216, 0.9098
CMYK	0.00, 0.34, 0.88, 0.28
HSL	37°, 78%, 41%
HSV	37°, 88%, 72%
XYZ	26.8814, 24.1713, 4.0593
YIQ	129.2520, 68.7310, -17.6450

Conversions

Conversions Part 2

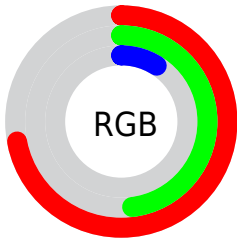
Format	Color
RYB	124, 184, 23
Decimal	12089879
CIELab	56.26, 16.74, 57.77
CIElCh	56, 60.148, 73.839
Yxy	24.1713, 0.4878, 0.4386
Android (android.graphics.Color)	4290279959 (0xFFB87A17)
YUV	129.2520, -52.3822, 48.0140
Hunter-Lab	49.1643, 11.5602, 29.5196

Details

The Hex color **B87A17** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1755B8**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **F5AE4E**, and **7E4900** is the 20% darker color. If you saturate the color by 10%, you get **B87305**, and if you desaturate by 10%, it is **B88129**.

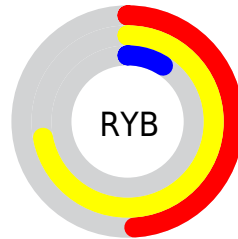
Distribution



Red (72%)

Green (48%)

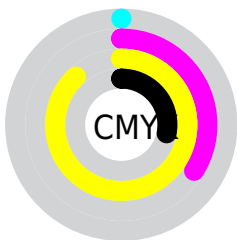
Blue (9%)



Red (49%)

Yellow (72%)

Blue (9%)

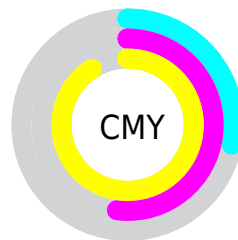


Cyan (0%)

Magenta (34%)

Yellow (88%)

Black (28%)



Cyan (28%)

Magenta (52%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color B87A17 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 B87A17 by changing the saturation by 10% instead.

 B87A17

 B87A17

FFFFFF

 9A6100

 F5AE4E

 7E4900

 FFCA69

 613300

 FFE683

 451D00

 FFFF9F

 2B0800

 FFFFBA

 020000

 FFFFD7

 000000

 FFFFF4

 B87A17

 B87A17

 B87305

 B88129

 B87100

 B8883C

 B88F4E

 B89661

 B89D73

 B8A585

 B8AC98

 B8B3AA

 B8BABD

Harmonies

Analogous

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



D96440



B87A17



8A8C0B

Triad

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



B87A17



00A09E



A86ED3

Complementary

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



B87A17



1755B8

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.



4885ED



B87A17



009DCE

Square

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



B87A17



009E68



0095EB



D758A5

Rectangle

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



B87A17



659426



0095EB



9076DE

Sweetspot

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



B87A17



F0D8B1



B81757



786A53



F7F7F7



787878

Same Dimension

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



B87A17



F09300



A8B817



5C5853



9C6000



1C1100

Inverse Universe

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



1755B8



005CF0



2717B8



53565C



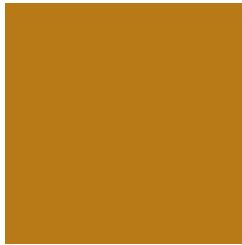
003C9C



000B1C

Previews

White Background



This preview shows how the Hex color B87A17 looks on a white background.

Color Contrast Check

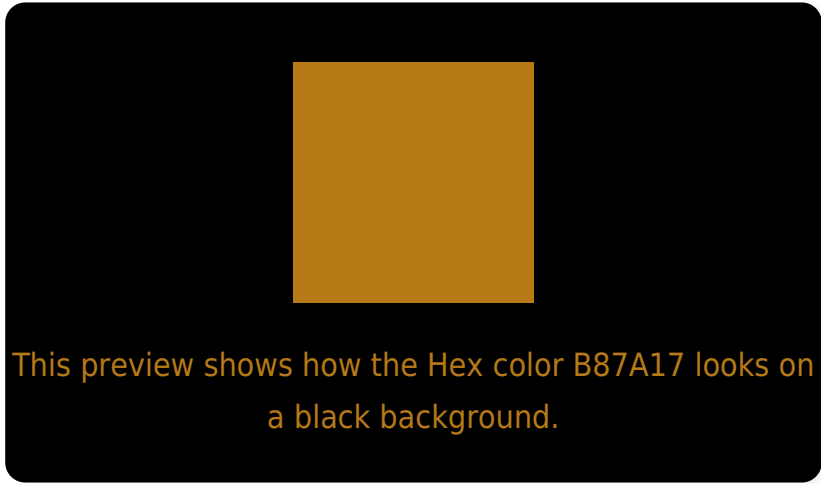
Large Text (above 18pt) WCAG AA ✓ Pass

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 B87A17 Background



This preview shows how black text looks on a background with the Hex color B87A17.



This preview shows how white text looks on a background with the Hex color B87A17.

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
B87A17

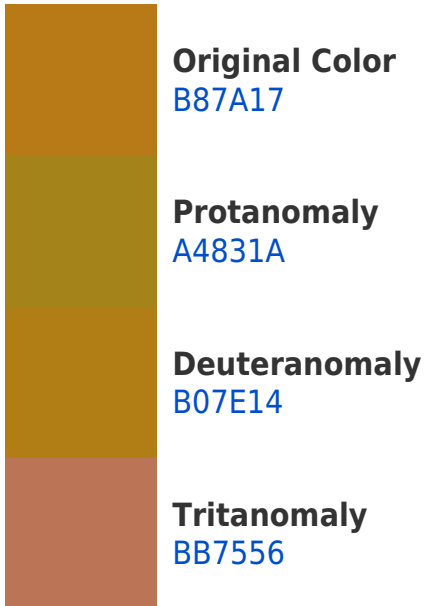
Protanopia
98881B

Deuteranopia
AB8012

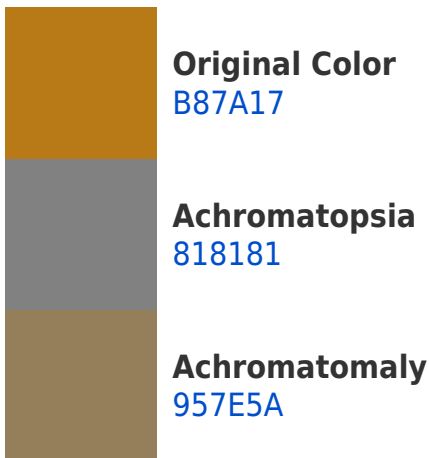


Tritanopia
BD727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B87A17 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 #B87A17 looks like.

```
.text, #text, p{  
    color:#B87A17  
}
```

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 #B87A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87A17
}
```

Border

The CSS property to change the border of an element to Hex B87A17 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
#B87A17 }
```

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

```
.border{ border-color:#B87A17 }
```

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

Here you see how a box with a 4 pixel #B87A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87A17; -webkit-box-shadow:4px 4px  
4px 4px #B87A17; box-shadow:4px 4px 4px  
4px #B87A17 }
```

Background

The CSS property to change the background color of an element to Hex B87A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87A17 }
```

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

```
.background{ background-color:#B87A17 }
```

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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