

# Converting Colors

Hex(B87E1A)

Have a look what the booklet for  
Hex(B87E1A) contains.

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**Color**

**Hex(B87E1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B87E1A
RGB	184, 126, 26
RGB Percent	72%, 49%, 10%
CMY	0.2784, 0.5059, 0.8980
CMYK	0.00, 0.32, 0.86, 0.28
HSL	38°, 75%, 41%
HSV	38°, 86%, 72%
XYZ	27.4145, 25.1866, 4.3939
YIQ	131.9420, 66.6680, -18.8040

# Conversions

## Conversions Part 2

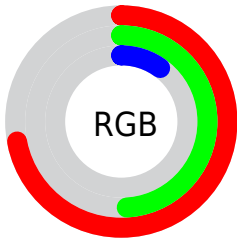
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 184, 26
Decimal	12090906
CIE <sub>Lab</sub>	57.26, 14.60, 57.70
CIE <sub>LCh</sub>	57, 59.522, 75.806
Yxy	25.1866, 0.4810, 0.4419
Android (android.graphics.Color)	4290280986 (0xFFB87E1A)
YUV	131.9420, -52.2294, 45.6549
Hunter-Lab	50.1863, 9.6804, 29.9395

# Details

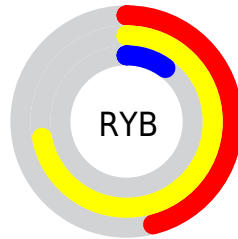
The Hex color **B87E1A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1A54B8**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F4B351**, and **7E4D00** is the 20% darker color. If you saturate the color by 10%, you get **B87708**, and if you desaturate by 10%, it is **B8852C**.

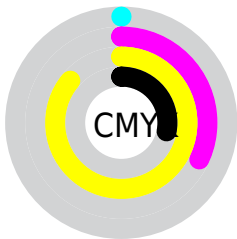
# Distribution



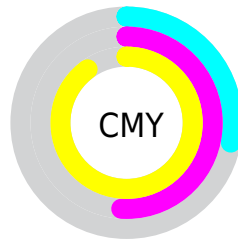
- Red (72%)
- Green (49%)
- Blue (10%)



- Red (46%)
- Yellow (72%)
- Blue (10%)



- Cyan (0%)
- Magenta (32%)
- Yellow (86%)
- Black (28%)



- Cyan (28%)
- Magenta (51%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B87E1A 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 B87E1A by changing the saturation by 10% instead.



 B87E1A

 B87E1A

FFFFFF

 9B6500

 F4B351

 7E4D00

 FFCE6B

 613600

 FFEA86

 462100

 FFFFA1

 2C0D00

 FFFFBD

 070000

 FFFFDA

 000000

 FFFFF7

 B87E1A

 B87E1A

 B87708

 B8852C

 B87400

 B88C3F

 B89251

 B89964

 B8A076

 B8A788

 B8AD9B

 B8B4AD

 B8BBC0

# Harmonies

## Analogous

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



D96841



B87E1A



8A8F15

# Triad

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



B87E1A



00A2A4



AF6FD2

# Complementary

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



B87E1A



1A54B8

# 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.



5786EE



B87E1A



009FD3

# Square

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



B87E1A



00A06E



0096EE



DB5BA4

# Rectangle

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



B87E1A



64982D



0096EE



9877DE



# Sweetspot

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



B87E1A



F0D9B1



B81A57



786A53



F7F7F7



787878



# Same Dimension

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



B87E1A



F09800



A6B81A



5C5853



9C6200



1C1200



# Inverse Universe

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



1A54B8



0058F0



2C1AB8



53565C



00399C



000A1C



# Previews

## White Background



This preview shows how the Hex color B87E1A looks on a white background.

## Color Contrast Check

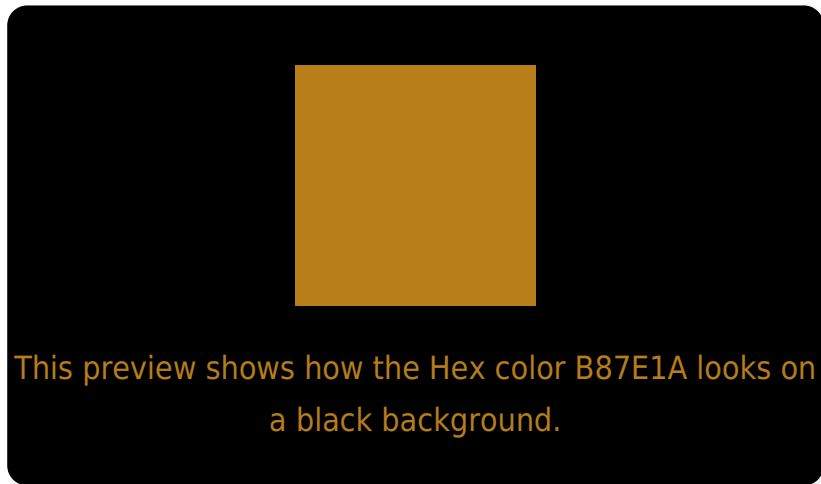
Large Text (above 18pt) WCAG AA ✓ Pass

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 B87E1A Background



This preview shows how black text looks on a background with the Hex color B87E1A.



This preview shows how white text looks on a background with the Hex color B87E1A.

# 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**  
B87E1A

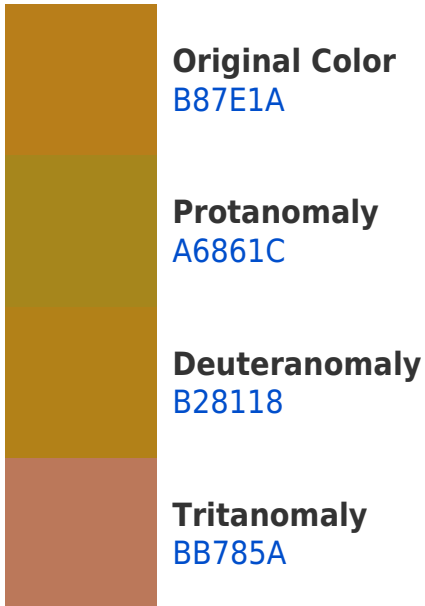
**Protanopia**  
9B8A1D

**Deuteranopia**  
AE8317

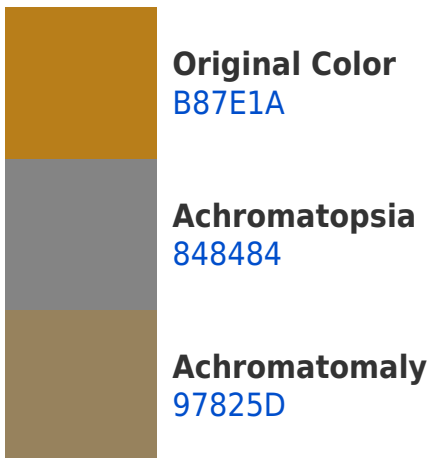


**Tritanopia**  
BD757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B87E1A 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 #B87E1A looks like.

```
.text, #text, p{  
    color:#B87E1A  
}
```

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 #B87E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87E1A
}
```

## Border

The CSS property to change the border of an element to Hex B87E1A 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
#B87E1A }
```

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

```
.border{ border-color:#B87E1A }
```

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

Here you see how a box with a 4 pixel #B87E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87E1A; -webkit-box-shadow:4px 4px  
4px 4px #B87E1A; box-shadow:4px 4px 4px  
4px #B87E1A }
```

# Background

The CSS property to change the background color of an element to Hex B87E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87E1A }
```

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

```
.background{ background-color:#B87E1A }
```

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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