

# Converting Colors

Hex(B87926)

Have a look what the booklet for  
Hex(B87926) contains.

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**Color**

**Hex(B87926)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B87926
RGB	184, 121, 38
RGB Percent	72%, 47%, 15%
CMY	0.2784, 0.5255, 0.8510
CMYK	0.00, 0.34, 0.79, 0.28
HSL	34°, 66%, 44%
HSV	34°, 79%, 72%
XYZ	26.9544, 24.0050, 5.0465
YIQ	130.3750, 64.1910, -12.4570

# Conversions

## Conversions Part 2

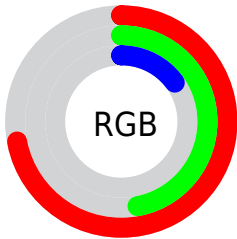
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 184, 38
Decimal	12089638
CIELab	56.09, 17.75, 52.46
CIElCh	56, 55.380, 71.302
Yxy	24.0050, 0.4813, 0.4286
Android (android.graphics.Color)	4290279718 (0xFFB87926)
YUV	130.3750, -45.5409, 47.0291
Hunter-Lab	48.9949, 12.4600, 28.1895

# Details

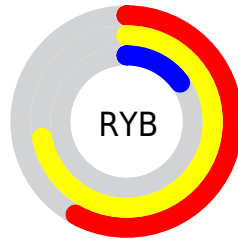
The Hex color **B87926** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2665B8**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **F4AD59**, and **7E4800** is the 20% darker color. If you saturate the color by 10%, you get **B87114**, and if you desaturate by 10%, it is **B88138**.

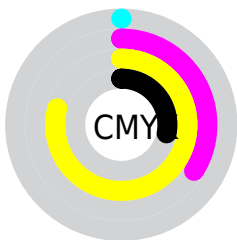
# Distribution



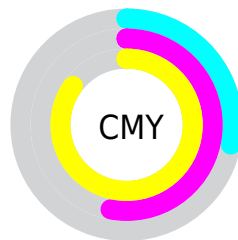
- Red (72%)
- Green (47%)
- Blue (15%)



- Red (58%)
- Yellow (72%)
- Blue (15%)



- Cyan (0%)
- Magenta (34%)
- Yellow (79%)
- Black (28%)



- Cyan (28%)
- Magenta (53%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B87926 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 B87926 by changing the saturation by 10% instead.



 B87926

 B87926

FFFFFF

 9B6007

 F4AD59

 7E4800

 FFC973

 623200

 FFE58E

 461C00

 FFFFA9

 2C0700

 FFFFC5

 020000

 FFFF E2

 000000

 B87926

 B87926

 B87114

 B88138

 B86901

 B8894B

 B86900

 B8915D

 B89970

 B8A182

 B8A994

 B8B1A7

 B8B9B9

 B8C0CC

# Harmonies

## Analogous

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



D56649



B87926



8E8A1C

# Triad

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



B87926



009E98



A072CF

# Complementary

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



B87926



2665B8

# 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.



4886E5



B87926



009CC5

# Square

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



B87926



009C66



0094E1



CE5FA6

# Rectangle

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



B87926



6D922D



0094E1



8A79D9



# Sweetspot

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



B87926



F0D7B6



B82665



786955



F7F7F7



787878



# Same Dimension

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



B87926



F08D0C



AEB826



5C5853



9C5800



1C1000



# Inverse Universe

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



2665B8



0C6EF0



3026B8



53575C



00439C



000C1C



# Previews

## White Background



This preview shows how the Hex color B87926 looks on a white background.

## Color Contrast Check

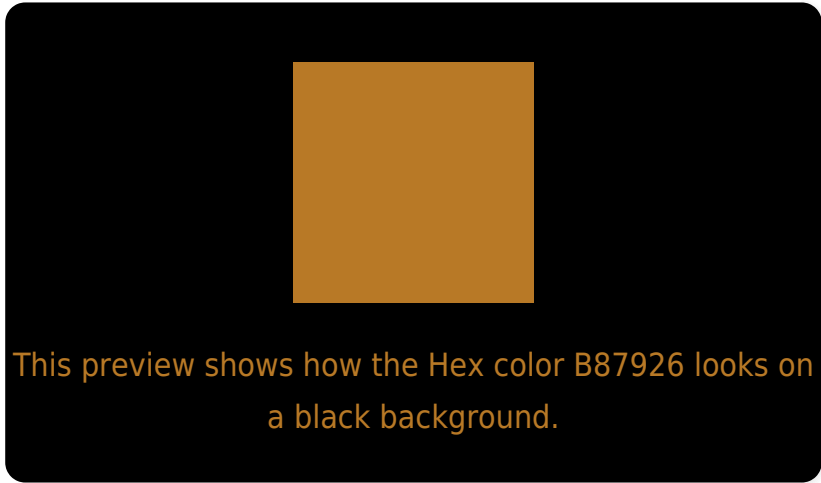
Large Text (above 18pt) WCAG AA ✓ Pass

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 B87926 Background



This preview shows how black text looks on a background with the Hex color B87926.



This preview shows how white text looks on a background with the Hex color B87926.

# 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



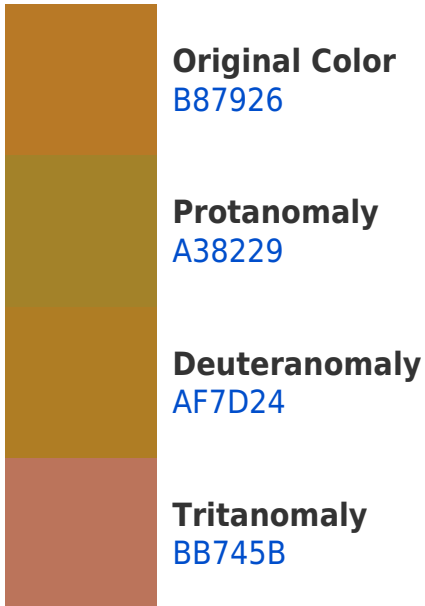
**Original Color**  
B87926

**Protanopia**  
97872A

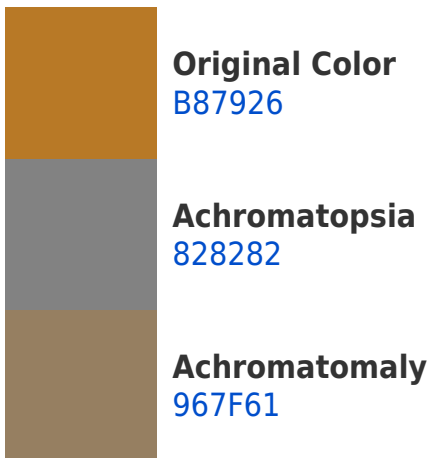
**Deuteranopia**  
AA8023



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B87926 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 #B87926 looks like.

```
.text, #text, p{  
    color:#B87926  
}
```

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 #B87926 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87926
}
```

## Border

The CSS property to change the border of an element to Hex B87926 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
#B87926 }
```

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

```
.border{ border-color:#B87926 }
```

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

Here you see how a box with a 4 pixel #B87926 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87926; -webkit-box-shadow:4px 4px  
4px 4px #B87926; box-shadow:4px 4px 4px  
4px #B87926 }
```

# Background

The CSS property to change the background color of an element to Hex B87926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87926 }
```

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

```
.background{ background-color:#B87926 }
```

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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