

Converting Colors

Hex(B87B29)

Have a look what the booklet for
Hex(B87B29) contains.

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Color

Hex(B87B29)

Conversions

Conversions Part 1

Format	Color
Hex	B87B29
RGB	184, 123, 41
RGB Percent	72%, 48%, 16%
CMY	0.2784, 0.5176, 0.8392
CMYK	0.00, 0.33, 0.78, 0.28
HSL	34°, 64%, 44%
HSV	34°, 78%, 72%
XYZ	27.2504, 24.5164, 5.3937
YIQ	131.8910, 62.6780, -12.5700

Conversions

Conversions Part 2

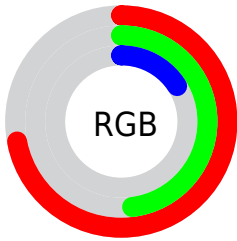
Format	Color
R_{YB}	147, 184, 41
Decimal	12090153
CIE Lab	56.60, 16.76, 51.72
CIE LCh	57, 54.370, 72.045
Yxy	24.5164, 0.4767, 0.4289
Android (android.graphics.Color)	4290280233 (0xFFB87B29)
YUV	131.8910, -44.8093, 45.6996
Hunter-Lab	49.5140, 11.5892, 28.2012

Details

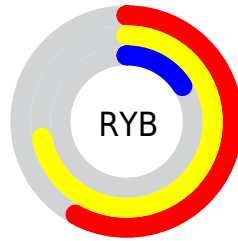
The Hex color **B87B29** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2966B8**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F4AF5C**, and **7E4A00** is the 20% darker color. If you saturate the color by 10%, you get **B87317**, and if you desaturate by 10%, it is **B8833B**.

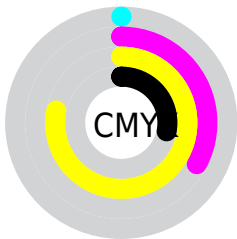
Distribution



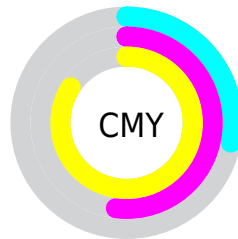
- Red (72%)
- Green (48%)
- Blue (16%)



- Red (58%)
- Yellow (72%)
- Blue (16%)



- Cyan (0%)
- Magenta (33%)
- Yellow (78%)
- Black (28%)



- Cyan (28%)
- Magenta (52%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color B87B29 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 B87B29 by changing the saturation by 10% instead.

 B87B29

 B87B29

FFFFFF

 9B620B

 F4AF5C

 7E4A00

 FFCB76

 623300

 FFE791

 461E00

 FFFFAC

 2C0900

 FFFFC8

 060000

 FFFF E5

 000000

 B87B29

 B87B29

 B87317

 B8833B

 B86B04

 B88B4E

 B86A00

 B89360

 B89A73

 B8A285

 B8AA97

 B8B2AA

 B8BABC

 B8C2CF

Harmonies

Analogous

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



D5684A



B87B29



8F8B21

Triad

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



B87B29



009F9A



A373CF

Complementary

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



B87B29



2966B8

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.



4F87E5



B87B29



009CC6

Square

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



B87B29



009D69



0095E2



CF61A6

Rectangle

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



B87B29



6E9331



0095E2



8D7AD8

Sweetspot

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



B87B29



F0D8B9



B82967



786A56



F7F7F7



787878

Same Dimension

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



B87B29



F09111



AEB829



5C5853



9C5900



1C1000

Inverse Universe

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



2966B8



1170F0



3329B8



53575C



00429C



000C1C

Previews

White Background



This preview shows how the Hex color B87B29 looks on a white background.

Color Contrast Check

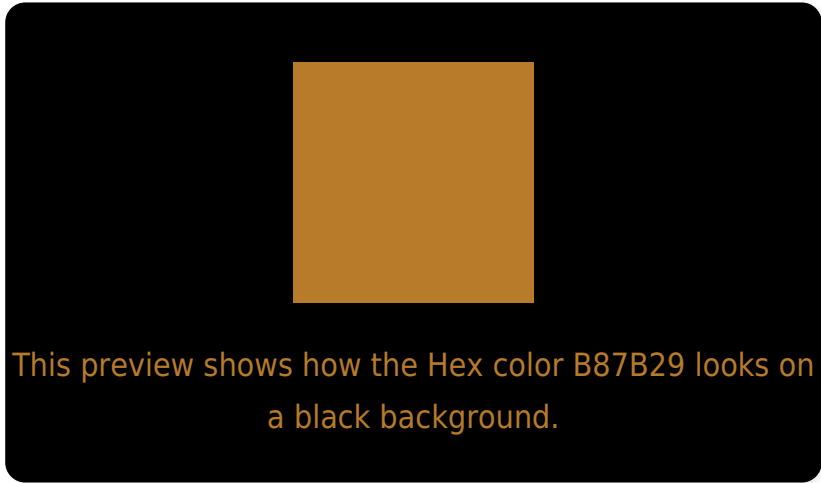
Large Text (above 18pt) WCAG AA ✓ Pass

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 B87B29 Background



This preview shows how black text looks on a background with the Hex color B87B29.



This preview shows how white text looks on a background with the Hex color B87B29.

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
B87B29

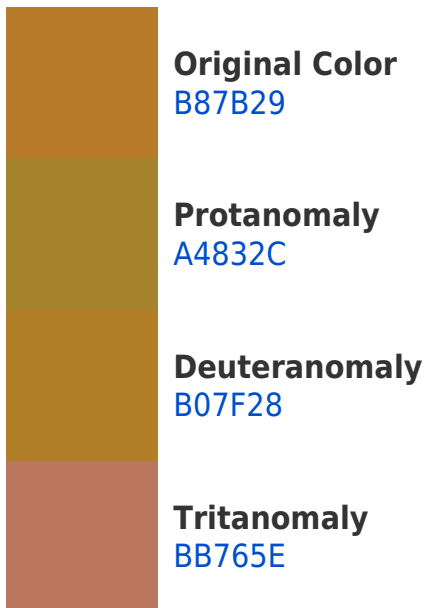
Protanopia
98882D

Deuteranopia
AB8127

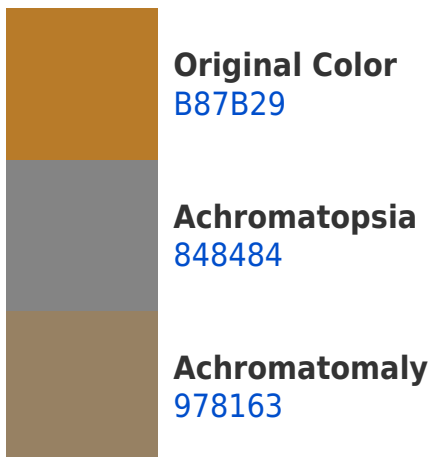


Tritanopia
BD737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B87B29 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 #B87B29 looks like.

```
.text, #text, p{  
    color:#B87B29  
}
```

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 #B87B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87B29
}
```

Border

The CSS property to change the border of an element to Hex B87B29 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
#B87B29 }
```

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

```
.border{ border-color:#B87B29 }
```

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

Here you see how a box with a 4 pixel #B87B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87B29; -webkit-box-shadow:4px 4px  
4px 4px #B87B29; box-shadow:4px 4px 4px  
4px #B87B29 }
```

Background

The CSS property to change the background color of an element to Hex B87B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87B29 }
```

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

```
.background{ background-color:#B87B29 }
```

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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