

Converting Colors

Hex(B17A31)

Have a look what the booklet for
Hex(B17A31) contains.

Hex(B17A31)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B17A31)

Conversions

Conversions Part 1

Format	Color
Hex	B17A31
RGB	177, 122, 49
RGB Percent	69%, 48%, 19%
CMY	0.3059, 0.5216, 0.8078
CMYK	0.00, 0.31, 0.72, 0.31
HSL	34°, 57%, 44%
HSV	34°, 72%, 69%
XYZ	25.6454, 23.4879, 6.0877
YIQ	130.1230, 56.2130, -11.0430

Conversions

Conversions Part 2

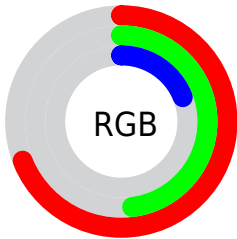
Format	Color
R_{YB}	145, 177, 49
Decimal	11631153
CIE _{Lab}	55.57, 14.60, 46.92
CIE _{LCh}	56, 49.140, 72.722
Yxy	23.4879, 0.4644, 0.4253
Android (android.graphics.Color)	4289821233 (0xFFB17A31)
YUV	130.1230, -39.9936, 41.1111
Hunter-Lab	48.4643, 9.6424, 26.4775

Details

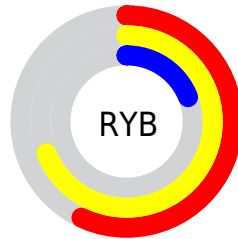
The Hex color **B17A31** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3168B1**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ECAE63**, and **784900** is the 20% darker color. If you saturate the color by 10%, you get **B1721F**, and if you desaturate by 10%, it is **B18243**.

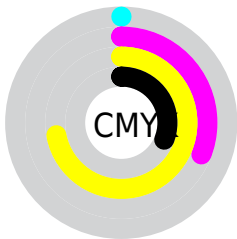
Distribution



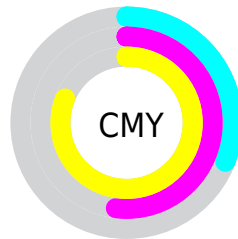
- Red (69%)
- Green (48%)
- Blue (19%)



- Red (57%)
- Yellow (69%)
- Blue (19%)



- Cyan (0%)
- Magenta (31%)
- Yellow (72%)
- Black (31%)



- Cyan (31%)
- Magenta (52%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B17A31 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 B17A31 by changing the saturation by 10% instead.

 B17A31

 B17A31

FFFFFF

 946117

 ECAE63

 784900

 FFCA7D

 5D3300

 FFE698

 411D00

 FFFFB3

 280800

 FFFFCF

 000000

 FFFFEC

 B17A31

 B17A31

 B1721F

 B18243

 B16B0E

 B18954

 B16500

 B19166

 B19878

 B1A08A

 B1A89B

 B1AFAD

 B1B7BF

 B1BED0

Harmonies

Analogous

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



CB6A4D



B17A31



8B892C

Triad

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



B17A31



009A97



9F72C4

Complementary

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



B17A31



3168B1

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.



5984D8



B17A31



0098BE

Square

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



B17A31



00986A



0091D6



C663A0

Rectangle

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



B17A31



6D9039



0091D6



8C78CD

Sweetspot

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



B17A31



E6D0B3



B13168



736655



F2F2F2



737373

Same Dimension

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



B17A31



E6901E



A8B131



595550



995700



1A0F00

Inverse Universe

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



3168B1



1E74E6



3A31B1



505459



004299



000B1A

Previews

White Background



This preview shows how the Hex color B17A31 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 B17A31 Background



This preview shows how black text looks on a background with the Hex color B17A31.



This preview shows how white text looks on a background with the Hex color B17A31.

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
B17A31

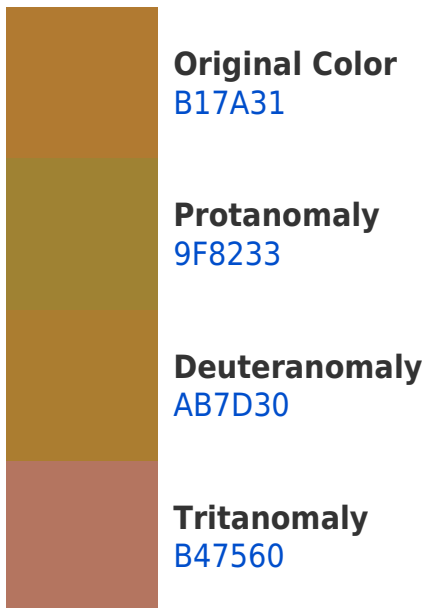
Protanopia
958634

Deuteranopia
A77F30

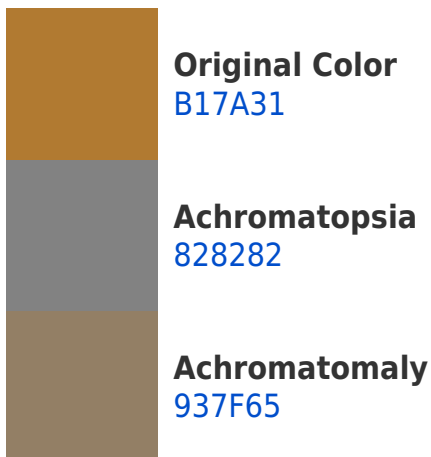


Tritanopia
B6727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B17A31 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 #B17A31 looks like.

```
.text, #text, p{  
    color:#B17A31  
}
```

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 #B17A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B17A31
}
```

Border

The CSS property to change the border of an element to Hex B17A31 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
#B17A31 }
```

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

```
.border{ border-color:#B17A31 }
```

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

Here you see how a box with a 4 pixel #B17A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B17A31; -webkit-box-shadow:4px 4px  
4px 4px #B17A31; box-shadow:4px 4px 4px  
4px #B17A31 }
```

Background

The CSS property to change the background color of an element to Hex B17A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B17A31 }
```

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

```
.background{ background-color:#B17A31 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor