

# Converting Colors

Hex(A17B31)

Have a look what the booklet for  
Hex(A17B31) contains.

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**Color**

**Hex(A17B31)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A17B31
RGB	161, 123, 49
RGB Percent	63%, 48%, 19%
CMY	0.3686, 0.5176, 0.8078
CMYK	0.00, 0.24, 0.70, 0.37
HSL	40°, 53%, 41%
HSV	40°, 70%, 63%
XYZ	22.3353, 21.9647, 5.9682
YIQ	125.9260, 46.4020, -14.9580

# Conversions

## Conversions Part 2

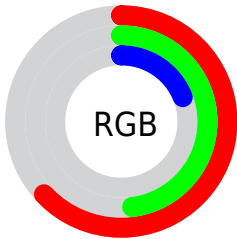
Format	Color
<a href="#">RYB</a>	<a href="#">107, 161, 49</a>
Decimal	<a href="#">10582833</a>
CIELab	<a href="#">53.99, 6.87, 44.70</a>
CIElCh	<a href="#">54, 45.224, 81.265</a>
Yxy	<a href="#">21.9647, 0.4443, 0.4370</a>
Android (android.graphics.Color)	<a href="#">4288772913</a> ( <a href="#">0xFFA17B31</a> )
YUV	<a href="#">125.9260, -37.9245, 30.7599</a>
Hunter-Lab	<a href="#">46.8666, 3.0516, 25.2564</a>

# Details

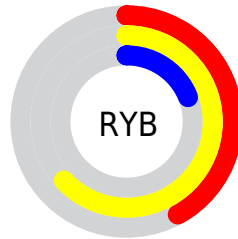
The Hex color **A17B31** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3157A1**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **DBAF63**, and **6A4B00** is the 20% darker color. If you saturate the color by 10%, you get **A17621**, and if you desaturate by 10%, it is **A18041**.

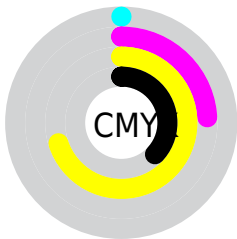
# Distribution



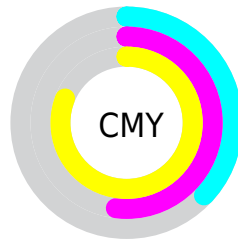
- Red (63%)
- Green (48%)
- Blue (19%)



- Red (42%)
- Yellow (63%)
- Blue (19%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (37%)



- Cyan (37%)
- Magenta (52%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A17B31 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 A17B31 by changing the saturation by 10% instead.



 A17B31

 A17B31

FFFFFF

 856218

 DBAF63

 6A4B00

 F8CB7D

 4F3400

 FFE797

 351F00

 FFFFB3

 1D0900

 FFFFCF

 000000

 FFFFEB

 A17B31

 A17B31

 A17621

 A18041

■ A17011

■ A18651

■ A16B01

■ A18B61

■ A16A00

■ A19171

■ A19682

■ A19C92

■ A1A1A2

■ A1A7B2

■ A1ACC2

# Harmonies

## Analogous

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



BC6C45



A17B31



7C8734

# Triad

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



A17B31



00949C



A66CB2

# Complementary

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



A17B31



3157A1

# 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.



707BCA



A17B31



0091BD

# Square

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



A17B31



009474



0089CE



C3608E

# Rectangle

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



A17B31



5F8D44



0089CE



9771BC



# Sweetspot

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



A17B31



D1C2A5



A13158



69604E



E8E8E8



696969



# Same Dimension

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



A17B31



D19624



90A131



524F49



916000



120C00



# Inverse Universe

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



3157A1



245ED1



4231A1



494C52



003191



000612



# Previews

## White Background



This preview shows how the Hex color A17B31 looks on a white background.

## Color Contrast Check

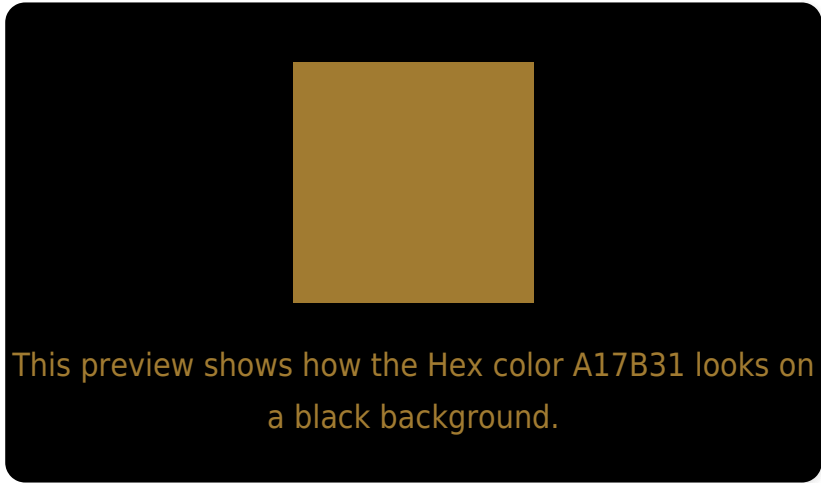
Large Text (above 18pt) WCAG AA ✓ Pass

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

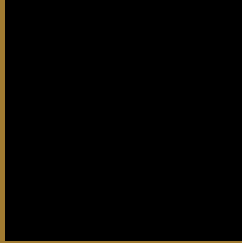
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A17B31 Background



This preview shows how black text looks on a background with the Hex color A17B31.



This preview shows how white text looks on a background with the Hex color A17B31.

# 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**  
A17B31

**Protanopia**  
908233

**Deuteranopia**  
A17B31



**Tritanopia**  
A6737C

# Trichromacy



**Original Color**  
A17B31

**Protanomaly**  
967F32

**Deuteranomaly**  
A17B31

**Tritanomaly**  
A47661

# Monochromacy



**Original Color**  
A17B31

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
8B7D62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A17B31 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 #A17B31 looks like.

```
.text, #text, p{  
    color:#A17B31  
}
```

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 #A17B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A17B31
}
```

## Border

The CSS property to change the border of an element to Hex A17B31 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
#A17B31 }
```

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

```
.border{ border-color:#A17B31 }
```

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

Here you see how a box with a 4 pixel #A17B31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A17B31; -webkit-box-shadow:4px 4px  
4px 4px #A17B31; box-shadow:4px 4px 4px  
4px #A17B31 }
```

# Background

The CSS property to change the background color of an element to Hex A17B31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A17B31 }
```

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

```
.background{ background-color:#A17B31 }
```

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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