

# Converting Colors

Hex(A18747)

Have a look what the booklet for  
Hex(A18747) contains.

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**Color**

**Hex(A18747)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A18747
RGB	161, 135, 71
RGB Percent	63%, 53%, 28%
CMY	0.3686, 0.4706, 0.7216
CMYK	0.00, 0.16, 0.56, 0.37
HSL	43°, 39%, 45%
HSV	43°, 56%, 63%
XYZ	24.4992, 25.3599, 9.5649
YIQ	135.4780, 36.0400, -14.3920

# Conversions

## Conversions Part 2

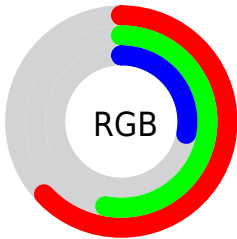
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 161, 71
Decimal	10585927
CIELab	57.42, 1.72, 37.69
CIELCh	57, 37.726, 87.385
Yxy	25.3599, 0.4123, 0.4268
Android (android.graphics.Color)	4288776007 (0xFFA18747)
YUV	135.4780, -31.7877, 22.3828
Hunter-Lab	50.3587, -1.2883, 23.9897

# Details

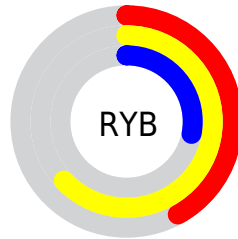
The Hex color **A18747** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4761A1**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **DABC79**, and **6B5617** is the 20% darker color. If you saturate the color by 10%, you get **A18237**, and if you desaturate by 10%, it is **A18C57**.

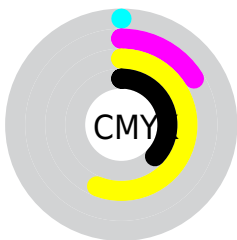
# Distribution



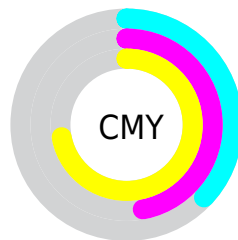
- Red (63%)
- Green (53%)
- Blue (28%)



- Red (42%)
- Yellow (63%)
- Blue (28%)



- Cyan (0%)
- Magenta (16%)
- Yellow (56%)
- Black (37%)



- Cyan (37%)
- Magenta (47%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A18747 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 A18747 by changing the saturation by 10% instead.



 A18747

 A18747

FFFFFF

 866E2F

 DABC79

 6B5617

 F7D893

 513F00

 FFF4AE

 382900

 FFFFCA

 1F1500

 FFFF E6

 000000

 A18747

 A18747

 A18237

 A18C57

 A17E27

 A19067

 A17917

 A19577

 A17407

 A19A87

 A17200

 A19E98

 A1A3A8

 A1A8B8

 A1ACC8

 A1B1D8

# Harmonies

## Analogous

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



BA7B53



A18747



80914E

# Triad

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



A18747



009BA7



B076AE

# Complementary

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



A18747



4761A1

# 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.



8982C4



A18747



0096C1

# Square

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



A18747



1D9B86



4F8ECB



C56F8E

# Rectangle

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



A18747



66965C



4F8ECB



A57AB7



# Sweetspot

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



A18747



D1C7AE



A14762



696354



E8E8E8



696969



# Same Dimension

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



A18747



D1A945



8FA147



524F49



916700



120D00



# Inverse Universe

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



4761A1



456DD1



5947A1



494C52



002A91



000512



# Previews

## White Background



This preview shows how the Hex color A18747 looks on a white background.

## Color Contrast Check

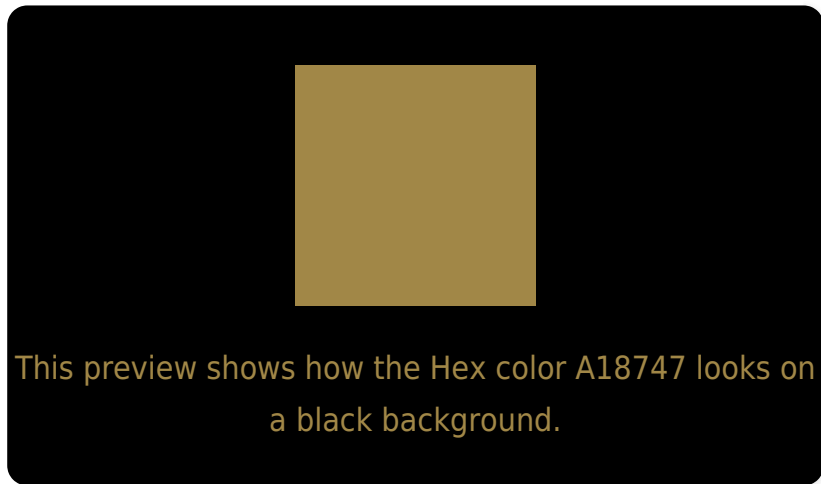
Large Text (above 18pt) WCAG AA ✓ Pass

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 A18747 Background



This preview shows how black text looks on a background with the Hex color A18747.



This preview shows how white text looks on a background with the Hex color A18747.

# 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**  
A18747

**Protanopia**  
988A48

**Deuteranopia**  
A98448



**Tritanopia**  
A78089

# Trichromacy



**Original Color**  
A18747

**Protanomaly**  
9B8948

**Deuteranomaly**  
A68548

**Tritanomaly**  
A58371

# Monochromacy



**Original Color**  
A18747

**Achromatopsia**  
878787

**Achromatomaly**  
908770

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A18747 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 #A18747 looks like.

```
.text, #text, p{  
    color:#A18747  
}
```

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 #A18747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A18747
}
```

## Border

The CSS property to change the border of an element to Hex A18747 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
#A18747 }
```

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

```
.border{ border-color:#A18747 }
```

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

Here you see how a box with a 4 pixel #A18747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A18747; -webkit-box-shadow:4px 4px  
4px 4px #A18747; box-shadow:4px 4px 4px  
4px #A18747 }
```

# Background

The CSS property to change the background color of an element to Hex A18747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A18747 }
```

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

```
.background{ background-color:#A18747 }
```

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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