

# Converting Colors

Hex(A18371)

Have a look what the booklet for  
Hex(A18371) contains.

<b>Hex(A18371)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A18371)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A18371
RGB	161, 131, 113
RGB Percent	63%, 51%, 44%
CMY	0.3686, 0.4863, 0.5569
CMYK	0.00, 0.19, 0.30, 0.37
HSL	22°, 20%, 54%
HSV	22°, 30%, 63%
XYZ	25.7949, 25.0019, 19.0891
YIQ	137.9180, 23.6580, 0.7620

# Conversions

## Conversions Part 2

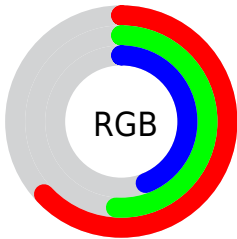
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 142, 113
Decimal	10584945
CIELab	57.08, 8.73, 14.06
CIElCh	57, 16.549, 58.159
Yxy	25.0019, 0.3691, 0.3578
Android (android.graphics.Color)	4288775025 (0xFFA18371)
YUV	137.9180, -12.2846, 20.2429
Hunter-Lab	50.0019, 4.5808, 12.3664

# Details

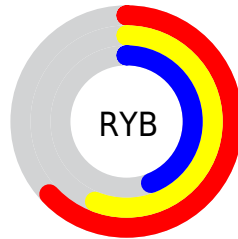
The Hex color **A18371** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **718FA1**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D8B8A5**, and **6C5241** is the 20% darker color. If you saturate the color by 10%, you get **A17961**, and if you desaturate by 10%, it is **A18D81**.

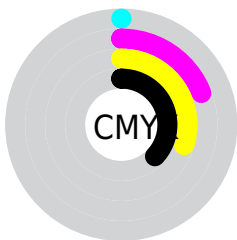
# Distribution



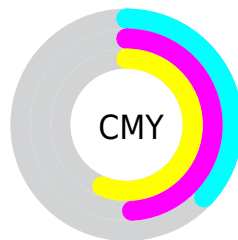
- Red (63%)
- Green (51%)
- Blue (44%)



- Red (63%)
- Yellow (56%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (37%)



- Cyan (37%)
- Magenta (49%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A18371 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 A18371 by changing the saturation by 10% instead.



 A18371

 A18371

FFFFFF

 866A58

 D8B8A5

 6C5241

 F5D4C0

 533B2B

 FFF0DC

 3B2516

 FFFFF8

 261000

 000000

 A18371

 A18371

 A17961

 A18D81

 A16F51

 A19791

 A16541

 A1A1A1

 A15B31

 A1ABB1

 A15120

 A1B5C1

 A14710

 A1BFD2

 A13D00

 A1C9E2

 A13C00

 A1D4F2

 A1DEFF

# Harmonies

## Analogous

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



A7807C



A18371



95886C

# Triad

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



A18371



679188



8A86A2

# Complementary

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



A18371



718FA1

# 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.



778BA5



A18371



629196

# Square

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



A18371



759079



688FA1



9B8198

# Rectangle

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



A18371



8B8B6E



688FA1



8487A4



# Sweetspot

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



A18371



D1C5BE



A1718F



69615D



E8E8E8



696969



# Same Dimension

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



A18371



D1A286



A19B71



524D49



913700



120700



# Inverse Universe

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



718FA1



86B5D1



7177A1



494F52



005B91



000B12



# Previews

## White Background



This preview shows how the Hex color A18371 looks on a white background.

## Color Contrast Check

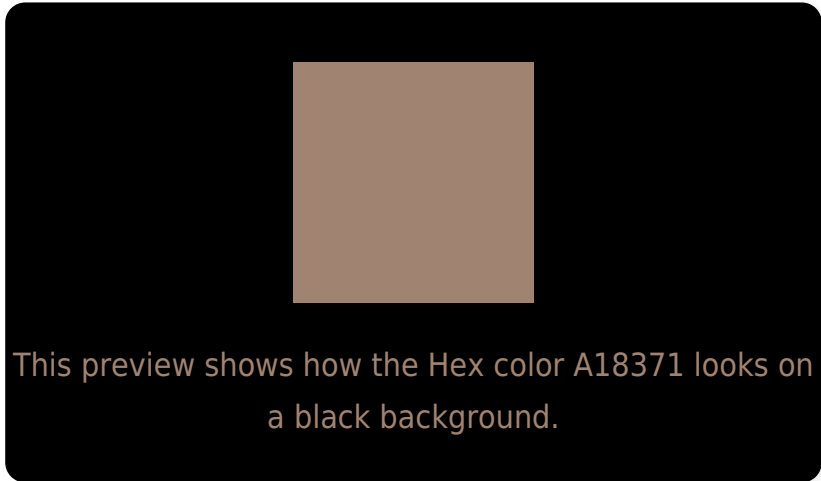
Large Text (above 18pt) WCAG AA ✓ Pass

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 A18371 Background



This preview shows how black text looks on a background with the Hex color A18371.



This preview shows how white text looks on a background with the Hex color A18371.

# 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**  
A18371

**Protanopia**  
908974

**Deuteranopia**  
9F8471



**Tritanopia**  
A48089

# Trichromacy



**Original Color**  
A18371

**Protanomaly**  
968773

**Deuteranomaly**  
A08471

**Tritanomaly**  
A38180

# Monochromacy



**Original Color**  
A18371

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
928781

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A18371 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 #A18371 looks like.

```
.text, #text, p{  
    color:#A18371  
}
```

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 #A18371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A18371
}
```

## Border

The CSS property to change the border of an element to Hex A18371 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
#A18371 }
```

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

```
.border{ border-color:#A18371 }
```

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

Here you see how a box with a 4 pixel #A18371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A18371; -webkit-box-shadow:4px 4px  
4px 4px #A18371; box-shadow:4px 4px 4px  
4px #A18371 }
```

# Background

The CSS property to change the background color of an element to Hex A18371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A18371 }
```

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

```
.background{ background-color:#A18371 }
```

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