

# Converting Colors

Hex(A57031)

Have a look what the booklet for  
Hex(A57031) contains.

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**Color**

**Hex(A57031)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A57031
RGB	165, 112, 49
RGB Percent	65%, 44%, 19%
CMY	0.3529, 0.5608, 0.8078
CMYK	0.00, 0.32, 0.70, 0.35
HSL	33°, 54%, 42%
HSV	33°, 70%, 65%
XYZ	21.8656, 19.8094, 5.5769
YIQ	120.6650, 51.8110, -8.3570

# Conversions

## Conversions Part 2

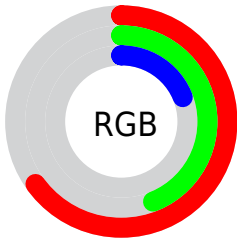
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 165, 49
Decimal	10842161
CIE <sub>Lab</sub>	51.62, 14.90, 42.31
CIE <sub>LCh</sub>	52, 44.860, 70.603
Yxy	19.8094, 0.4627, 0.4192
Android (android.graphics.Color)	4289032241 (0xFFA57031)
YUV	120.6650, -35.3308, 38.8818
Hunter-Lab	44.5078, 9.8041, 23.7263

# Details

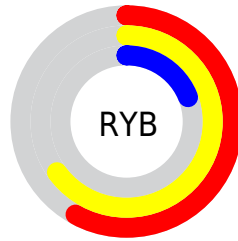
The Hex color **A57031** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3166A5**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **DFA462**, and **6D4000** is the 20% darker color. If you saturate the color by 10%, you get **A56820**, and if you desaturate by 10%, it is **A57841**.

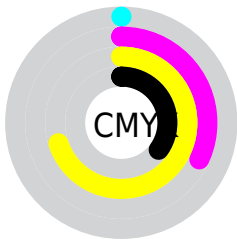
# Distribution



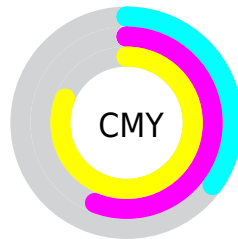
- Red (65%)
- Green (44%)
- Blue (19%)



- Red (58%)
- Yellow (65%)
- Blue (19%)



- Cyan (0%)
- Magenta (32%)
- Yellow (70%)
- Black (35%)



- Cyan (35%)
- Magenta (56%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A57031 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 A57031 by changing the saturation by 10% instead.



 A57031

 A57031

FFFFFF

 895818

 DFA462

 6D4000

 FDBF7C

 522A00

 FFDB96

 371500

 FFF7B1

 200000

 FFFFCD

 000000

 FFFFEA

 A57031

 A57031

 A56820

 A57841

 A56110

 A57F52

 A55A00

 A58762

 A58E73

 A59683

 A59D94

 A5A5A4

 A5ACB5

 A5B4C5

# Harmonies

## Analogous

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



BC624B



A57031



847D2B

# Triad

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



A57031



008E88



8F6BB6

# Complementary

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



A57031



3166A5

# 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.



4F7BC6



A57031



008CAC

# Square

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



A57031



108C60



0086C3



B45D95

# Rectangle

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



A57031



698435



0086C3



7E71BD



# Sweetspot

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



A57031



D6C2A9



A53167



6B5F50



EBEBEB



6B6B6B



# Same Dimension

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



A57031



D68422



A1A531



524E49



914F00



120A00



# Inverse Universe

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



3166A5



2274D6



3531A5



494D52



004291

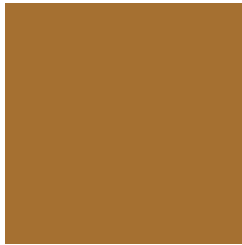


000812



# Previews

## White Background



This preview shows how the Hex color A57031 looks on a white background.

## Color Contrast Check

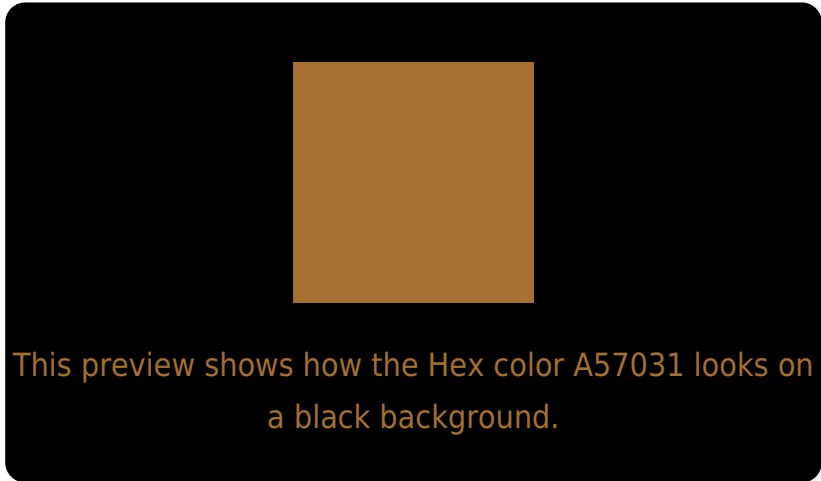
Large Text (above 18pt) WCAG AA ✓ Pass

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 A57031 Background



This preview shows how black text looks on a background with the Hex color A57031.



This preview shows how white text looks on a background with the Hex color A57031.

# 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**  
A57031

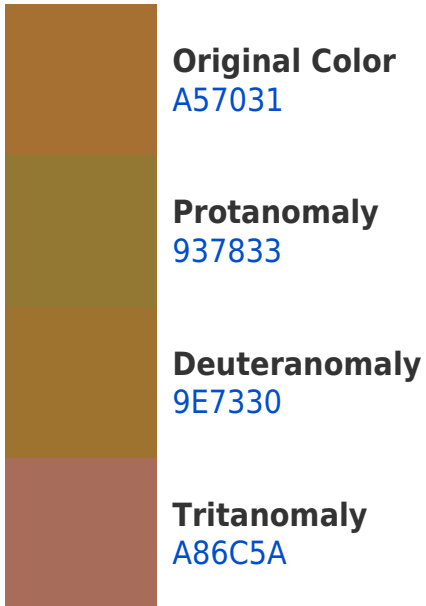
**Protanopia**  
897C34

**Deuteranopia**  
9A752F

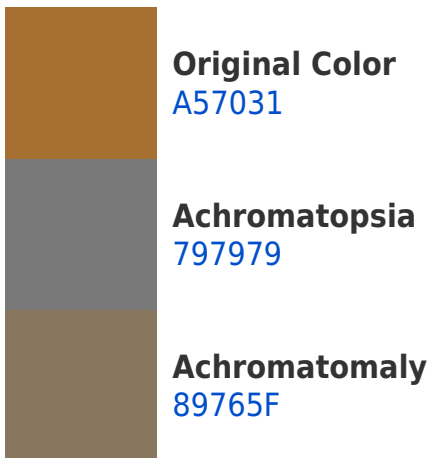


**Tritanopia**  
A96971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A57031 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 #A57031 looks like.

```
.text, #text, p{  
    color:#A57031  
}
```

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 #A57031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A57031
}
```

## Border

The CSS property to change the border of an element to Hex A57031 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
#A57031 }
```

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

```
.border{ border-color:#A57031 }
```

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

Here you see how a box with a 4 pixel #A57031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A57031; -webkit-box-shadow:4px 4px  
4px 4px #A57031; box-shadow:4px 4px 4px  
4px #A57031 }
```

# Background

The CSS property to change the background color of an element to Hex A57031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A57031 }
```

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

```
.background{ background-color:#A57031 }
```

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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