

# Converting Colors

Hex(A57A18)

Have a look what the booklet for  
Hex(A57A18) contains.

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**Color**

**Hex(A57A18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A57A18
RGB	165, 122, 24
RGB Percent	65%, 48%, 9%
CMY	0.3529, 0.5216, 0.9059
CMYK	0.00, 0.26, 0.85, 0.35
HSL	42°, 75%, 37%
HSV	42°, 85%, 65%
XYZ	22.6415, 21.9843, 3.9142
YIQ	123.6850, 57.0860, -21.3620

# Conversions

## Conversions Part 2

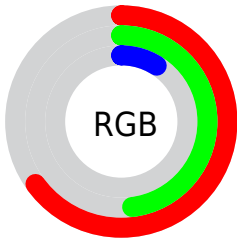
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 165, 24
Decimal	10844696
CIE <sub>Lab</sub>	54.01, 8.18, 54.70
CIE <sub>LCh</sub>	54, 55.309, 81.494
Yxy	21.9843, 0.4664, 0.4529
Android (android.graphics.Color)	4289034776 (0xFFA57A18)
YUV	123.6850, -49.1447, 36.2333
Hunter-Lab	46.8875, 4.1427, 27.8716

# Details

The Hex color **A57A18** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1843A5**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **E0AE4E**, and **6D4A00** is the 20% darker color. If you saturate the color by 10%, you get **A57507**, and if you desaturate by 10%, it is **A57F28**.

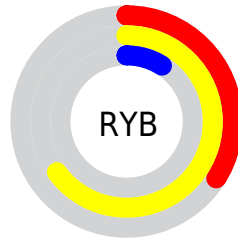
# Distribution



Red (65%)

Green (48%)

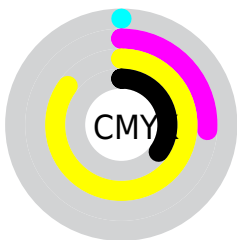
Blue (9%)



Red (34%)

Yellow (65%)

Blue (9%)

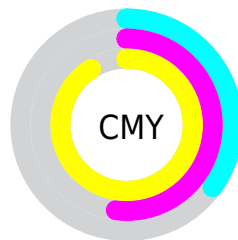


Cyan (0%)

Magenta (26%)

Yellow (85%)

Black (35%)



Cyan (35%)

Magenta (52%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A57A18 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 A57A18 by changing the saturation by 10% instead.



 A57A18

 A57A18

FFFFFF

 886100

 E0AE4E

 6D4A00

 FEC969

 513300

 FFE583

 361E00

 FFFF9E

 1E0800

 FFFFBA

 000000

 FFFFD6

 FFFFF3

 A57A18

 A57A18

■ A57507

■ A57F28

■ A57300

■ A58439

■ A58949

■ A58E5A

■ A5936A

■ A5987B

■ A59D8B

■ A5A29C

■ A5A7AC

# Harmonies

## Analogous

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



C66737



A57A18



78891D

# Triad

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



A57A18



0098A3



AE65BD

# Complementary

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



A57A18



1843A5

# 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.



687ADA



A57A18



0094CB

# Square

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



A57A18



009771



008BE0



D05591

# Rectangle

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



A57A18



539034



008BE0



9B6CC9



# Sweetspot

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



A57A18



D6C59F



A51845



6B614A



EBEBEB



6B6B6B



# Same Dimension

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



A57A18



D69500



8BA518



524F49



916500



120C00



# Inverse Universe

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



1843A5



0041D6



3218A5



494C52



002C91

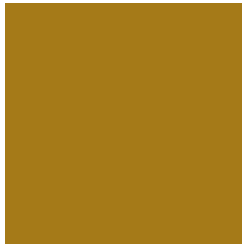


000512



# Previews

## White Background



This preview shows how the Hex color A57A18 looks on a white background.

## Color Contrast Check

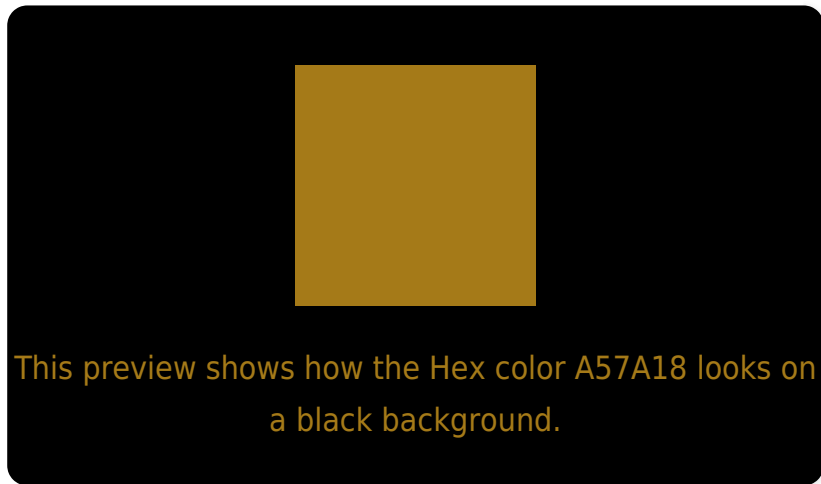
Large Text (above 18pt) WCAG AA ✓ Pass

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 A57A18 Background



This preview shows how black text looks on a background with the Hex color A57A18.



This preview shows how white text looks on a background with the Hex color A57A18.

# 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**  
A57A18

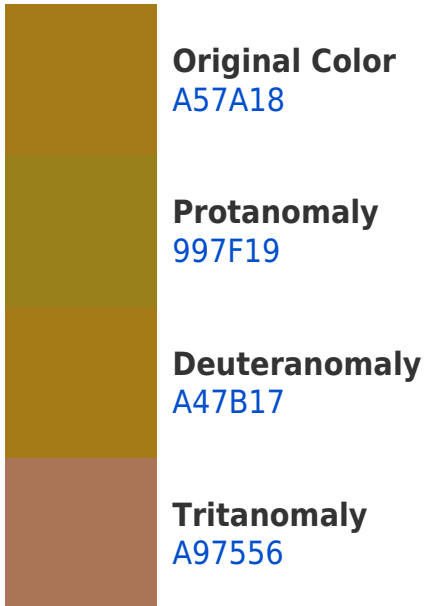
**Protanopia**  
92821A

**Deuteranopia**  
A37B17

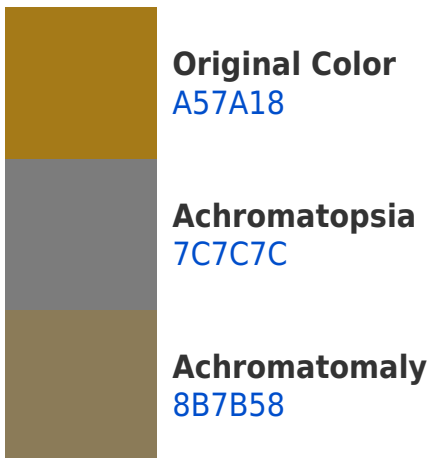


**Tritanopia**  
AB727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A57A18 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 #A57A18 looks like.

```
.text, #text, p{  
    color:#A57A18  
}
```

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 #A57A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A57A18
}
```

## Border

The CSS property to change the border of an element to Hex A57A18 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
#A57A18 }
```

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

```
.border{ border-color:#A57A18 }
```

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

Here you see how a box with a 4 pixel #A57A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A57A18; -webkit-box-shadow:4px 4px  
4px 4px #A57A18; box-shadow:4px 4px 4px  
4px #A57A18 }
```

# Background

The CSS property to change the background color of an element to Hex A57A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A57A18 }
```

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

```
.background{ background-color:#A57A18 }
```

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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