

# Converting Colors

Hex(A84E17)

Have a look what the booklet for  
Hex(A84E17) contains.

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**Color**

**Hex(A84E17)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A84E17
RGB	168, 78, 23
RGB Percent	66%, 31%, 9%
CMY	0.3412, 0.6941, 0.9098
CMYK	0.00, 0.54, 0.86, 0.34
HSL	23°, 76%, 37%
HSV	23°, 86%, 66%
XYZ	19.0275, 13.8355, 2.4783
YIQ	98.6400, 71.2950, 1.9750

# Conversions

## Conversions Part 2

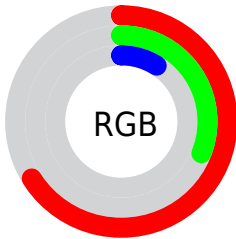
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 112, 23
Decimal	11030039
CIE <sub>Lab</sub>	44.00, 33.89, 46.76
CIE <sub>LCh</sub>	44, 57.752, 54.067
Yxy	13.8355, 0.5384, 0.3915
Android (android.graphics.Color)	4289220119 (0xFFA84E17)
YUV	98.6400, -37.2905, 60.8287
Hunter-Lab	37.1961, 26.2178, 22.0869

# Details

The Hex color **A84E17** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1771A8**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **E58148**, and **6D1D00** is the 20% darker color. If you saturate the color by 10%, you get **A84406**, and if you desaturate by 10%, it is **A85828**.

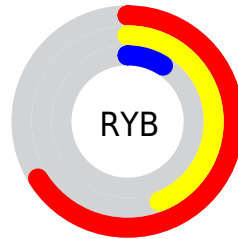
# Distribution



Red (66%)

Green (31%)

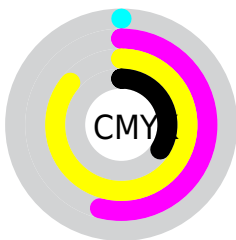
Blue (9%)



Red (66%)

Yellow (44%)

Blue (9%)

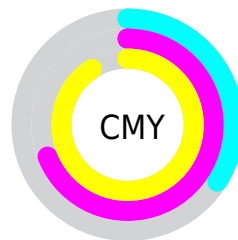


Cyan (0%)

Magenta (54%)

Yellow (86%)

Black (34%)



Cyan (34%)

Magenta (69%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A84E17 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 A84E17 by changing the saturation by 10% instead.



 A84E17

 A84E17

FFFFFF

 8A3600

 E58148

 6D1D00

 FF9C61

 500100

 FFB77B

 350000

 FFD395

 130000

 FFEFB0

 000000

 FFFFCC

 FFFF99

 A84E17

 A84E17

■ A84406

■ A85828

■ A84000

■ A86339

■ A86D49

■ A8785A

■ A8826B

■ A88D7C

■ A8978D

■ A8A19D

■ A8ACAE

# Harmonies

## Analogous

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



BB3844



A84E17



866300

# Triad

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



A84E17



007D5D



515FC0

# Complementary

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



A84E17



1771A8

# 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.



0071C8



A84E17



007D8E

# Square

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



A84E17



00792B



007AB5



9848A1

# Rectangle

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



A84E17



696D00



007AB5



1C66C6



# Sweetspot

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



A84E17



DBB8A2



A81773



6E594C



EDEDED



6E6E6E



# Same Dimension

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



A84E17



DB5300



A89517



544F4C



943800



140800



# Inverse Universe

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



1771A8



0088DB



172AA8



4C5154



005C94



000D14



# Previews

## White Background



This preview shows how the Hex color A84E17 looks on a white background.

## Color Contrast Check

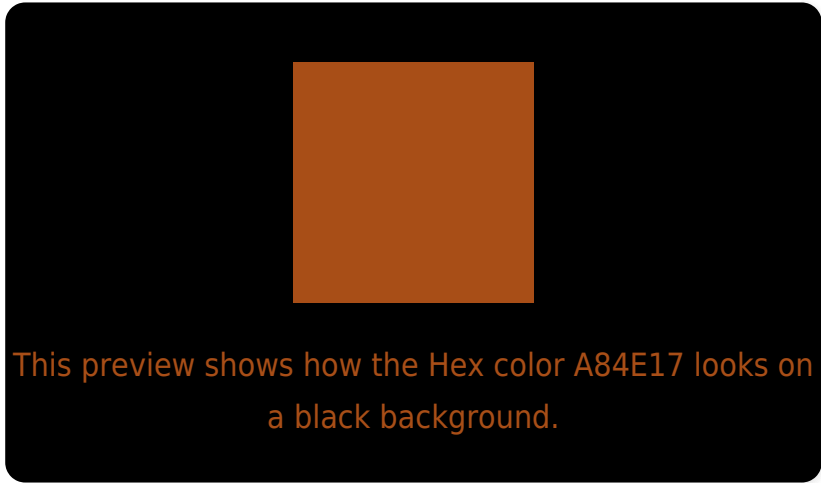
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex A84E17 Background



This preview shows how black text looks on a background with the Hex color A84E17.



This preview shows how white text looks on a background with the Hex color A84E17.

# 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**  
A84E17

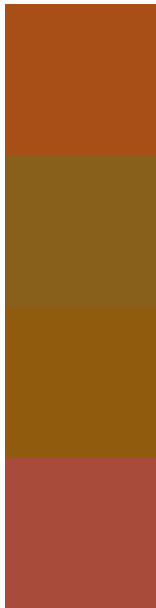
**Protanopia**  
75691E

**Deuteranopia**  
846308



**Tritanopia**  
AA494E

# Trichromacy



**Original Color**  
A84E17

**Protanomaly**  
885F1B

**Deuteranomaly**  
915B0D

**Tritanomaly**  
A94B3A

# Monochromacy



**Original Color**  
A84E17

**Achromatopsia**  
636363

**Achromatomaly**  
7C5B47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A84E17 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 #A84E17 looks like.

```
.text, #text, p{  
    color:#A84E17  
}
```

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 #A84E17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A84E17
}
```

## Border

The CSS property to change the border of an element to Hex A84E17 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
#A84E17 }
```

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

```
.border{ border-color:#A84E17 }
```

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

Here you see how a box with a 4 pixel #A84E17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A84E17; -webkit-box-shadow:4px 4px  
4px 4px #A84E17; box-shadow:4px 4px 4px  
4px #A84E17 }
```

# Background

The CSS property to change the background color of an element to Hex A84E17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A84E17 }
```

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

```
.background{ background-color:#A84E17 }
```

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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