

# Converting Colors

Hex(A82A13)

Have a look what the booklet for  
Hex(A82A13) contains.

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**Color**

**Hex(A82A13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A82A13
RGB	168, 42, 19
RGB Percent	66%, 16%, 7%
CMY	0.3412, 0.8353, 0.9255
CMYK	0.00, 0.75, 0.89, 0.34
HSL	9°, 80%, 37%
HSV	9°, 89%, 66%
XYZ	17.0940, 10.0278, 1.6507
YIQ	77.0520, 82.4790, 19.5590

# Conversions

## Conversions Part 2

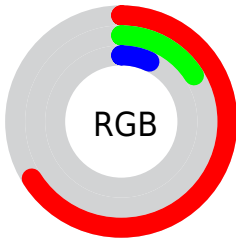
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 46, 19
Decimal	11020819
CIELab	37.89, 49.94, 43.42
CIElCh	38, 66.173, 41.006
Yxy	10.0278, 0.5941, 0.3485
Android (android.graphics.Color)	4289210899 (0xFFA82A13)
YUV	77.0520, -28.6196, 79.7614
Hunter-Lab	31.6667, 40.9393, 19.0760

# Details

The Hex color **A82A13** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1391A8**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **E66141**, and **6B0000** is the 20% darker color. If you saturate the color by 10%, you get **A81C02**, and if you desaturate by 10%, it is **A83824**.

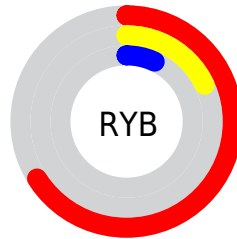
# Distribution



Red (66%)

Green (16%)

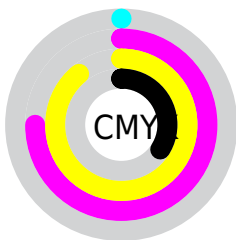
Blue (7%)



Red (66%)

Yellow (18%)

Blue (7%)

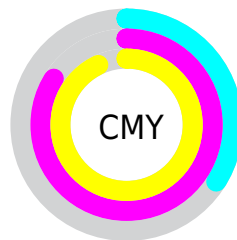


Cyan (0%)

Magenta (75%)

Yellow (89%)

Black (34%)



Cyan (34%)

Magenta (84%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A82A13 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 A82A13 by changing the saturation by 10% instead.



 A82A13

 A82A13

FFFFFFC

 890300

 E66141

 6B0000

 FF7C5A

 4D0000

 FF9873

 330002

 FFB38D

 000000

 FFD0A7

 FFEDC3

 FFFFDF

 A82A13

 A82A13

 A81C02

 A83824

 A81A00

 A84635

 A85545

 A86356

 A87167

 A87F78

 A88D89

 A89C99

 A8AAAA

# Harmonies

## Analogous

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



B40048



A82A13



884A00

# Triad

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



A82A13



006D34



005AC4

# Complementary

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



A82A13



1391A8

# 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.



0069C0



A82A13



006F6C

# Square

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



A82A13



136800



006F9F



713FAB

# Rectangle

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



A82A13



6C5800



006F9F



0060C6



# Sweetspot

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



A82A13



DBA9A0



A81392



6E504B



EDEDED



6E6E6E



# Same Dimension

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



A82A13



DB2200



A87413



544D4C



941700



140300



# Inverse Universe

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



1391A8



00B9DB



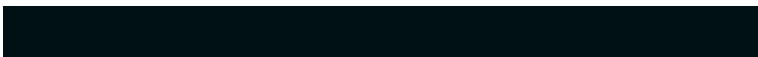
1347A8



4C5354



007D94



001114



# Previews

## White Background



This preview shows how the Hex color A82A13 looks on a white background.

## Color Contrast Check

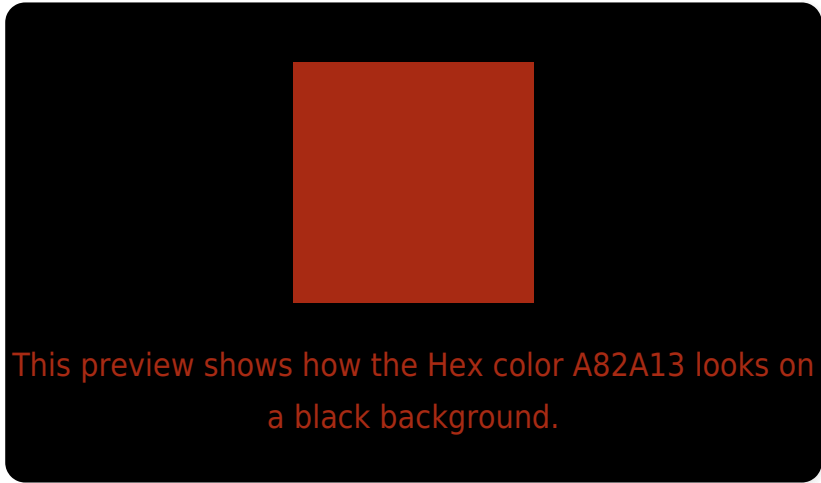
Large Text (above 18pt) WCAG AA ✓ Pass

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 A82A13 Background



This preview shows how black text looks on a background with the Hex color A82A13.



This preview shows how white text looks on a background with the Hex color A82A13.

# 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



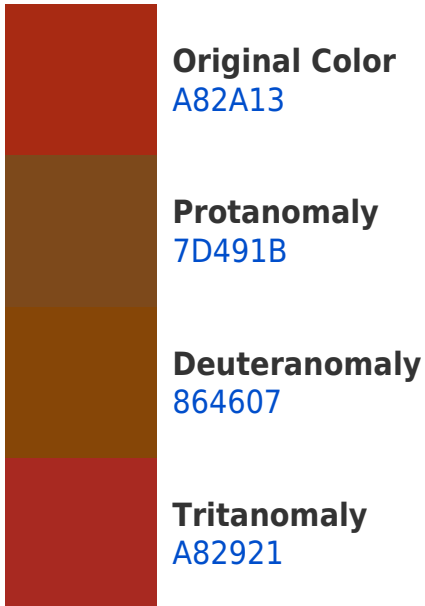
**Original Color**  
A82A13

**Protanopia**  
655B1F

**Deuteranopia**  
725600



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A82A13 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 #A82A13 looks like.

```
.text, #text, p{  
    color:#A82A13  
}
```

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 #A82A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A82A13
}
```

## Border

The CSS property to change the border of an element to Hex A82A13 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".

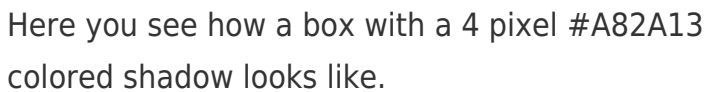
```
.border, #border, table{ border:4px solid
#A82A13 }
```

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

```
.border{ border-color:#A82A13 }
```

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

Here you see how a box with a 4 pixel #A82A13 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A82A13; -webkit-box-shadow:4px 4px  
4px 4px #A82A13; box-shadow:4px 4px 4px  
4px #A82A13 }
```

# Background

The CSS property to change the background color of an element to Hex A82A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A82A13 }
```

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

```
.background{ background-color:#A82A13 }
```

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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