

# Converting Colors

Hex(A93E13)

Have a look what the booklet for  
Hex(A93E13) contains.

<b>Hex(A93E13)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A93E13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A93E13
RGB	169, 62, 19
RGB Percent	66%, 24%, 7%
CMY	0.3373, 0.7569, 0.9255
CMYK	0.00, 0.63, 0.89, 0.34
HSL	17°, 80%, 37%
HSV	17°, 89%, 66%
XYZ	18.2024, 11.9273, 1.9589
YIQ	89.0910, 77.5750, 9.3110

# Conversions

## Conversions Part 2

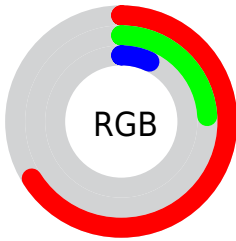
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 79, 19
Decimal	11091475
CIELab	41.10, 42.08, 46.04
CIElCh	41, 62.376, 47.574
Yxy	11.9273, 0.5673, 0.3717
Android (android.graphics.Color)	4289281555 (0xFFA93E13)
YUV	89.0910, -34.5549, 70.0802
Hunter-Lab	34.5359, 33.6417, 20.8121

# Details

The Hex color **A93E13** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **137EA9**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **E77243**, and **6D0200** is the 20% darker color. If you saturate the color by 10%, you get **A93202**, and if you desaturate by 10%, it is **A94A24**.

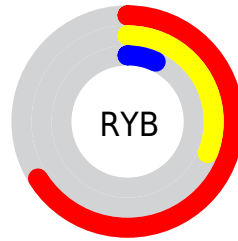
# Distribution



Red (66%)

Green (24%)

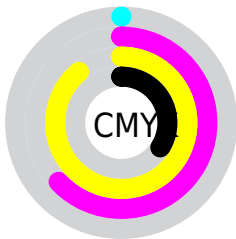
Blue (7%)



Red (66%)

Yellow (31%)

Blue (7%)

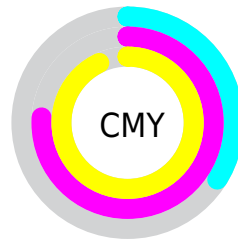


Cyan (0%)

Magenta (63%)

Yellow (89%)

Black (34%)



Cyan (34%)

Magenta (76%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A93E13 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 A93E13 by changing the saturation by 10% instead.



 A93E13

 A93E13

FFFFFF

 8B2400

 E77243

 6D0200

 FF8C5C

 500000

 FFA875

 360001

 FFC48F

 0A0000

 FFE0AA

 000000

 FFFDC6

 FFFFEE

 A93E13

 A93E13

■ A93202

■ A94A24

■ A93000

■ A95635

■ A96246

■ A96E57

■ A97A67

■ A98678

■ A99289

■ A99E9A

■ A9AAAB

# Harmonies

## Analogous

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



B92245



A93E13



875700

# Triad

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



A93E13



007649



155DC4

# Complementary

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



A93E13



137EA9

# 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.



006DC6



A93E13



00777F

# Square

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



A93E13



06710F



0075AC



8743A7

# Rectangle

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



A93E13



6A6300



0075AC



0063C8



# Sweetspot

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



A93E13



DBB1A0



A9137F



6E554B



EDEDED



6E6E6E



# Same Dimension

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



A93E13



DB3F00



A98813



544E4C



942A00



140600



# Inverse Universe

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



137EA9



009CDB



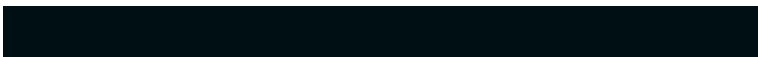
1333A9



4C5254



006A94



000F14



# Previews

## White Background



This preview shows how the Hex color A93E13 looks on a white background.

## Color Contrast Check

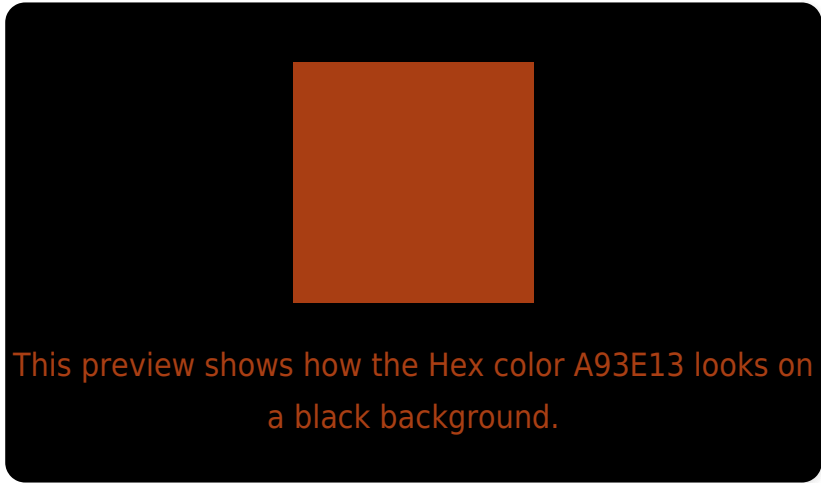
Large Text (above 18pt) WCAG AA ✓ Pass

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 A93E13 Background



This preview shows how black text looks on a background with the Hex color A93E13.



This preview shows how white text looks on a background with the Hex color A93E13.

# 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



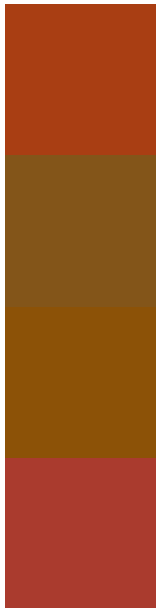
**Original Color**  
A93E13

**Protanopia**  
6E621C

**Deuteranopia**  
7C5D00



# Trichromacy



**Original Color**  
A93E13

**Protanomaly**  
835519

**Deuteranomaly**  
8C5207

**Tritanomaly**  
AA3B2E

# Monochromacy



**Original Color**  
A93E13

**Achromatopsia**  
595959

**Achromatomaly**  
764F40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A93E13 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 #A93E13 looks like.

```
.text, #text, p{  
    color:#A93E13  
}
```

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 #A93E13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A93E13
}
```

## Border

The CSS property to change the border of an element to Hex A93E13 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
#A93E13 }
```

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

```
.border{ border-color:#A93E13 }
```

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

Here you see how a box with a 4 pixel #A93E13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A93E13; -webkit-box-shadow:4px 4px  
4px 4px #A93E13; box-shadow:4px 4px 4px  
4px #A93E13 }
```

# Background

The CSS property to change the background color of an element to Hex A93E13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A93E13 }
```

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

```
.background{ background-color:#A93E13 }
```

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