

# Converting Colors

Hex(A73E1B)

Have a look what the booklet for  
Hex(A73E1B) contains.

<b>Hex(A73E1B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(A73E1B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A73E1B
RGB	167, 62, 27
RGB Percent	65%, 24%, 11%
CMY	0.3451, 0.7569, 0.8941
CMYK	0.00, 0.63, 0.84, 0.35
HSL	15°, 72%, 38%
HSV	15°, 84%, 65%
XYZ	17.8568, 11.7399, 2.3618
YIQ	89.4050, 73.8150, 11.3750

# Conversions

## Conversions Part 2

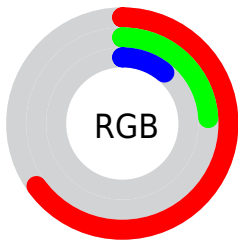
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 74, 27
Decimal	10960411
CIE Lab	40.80, 41.54, 42.15
CIE LCh	41, 59.183, 45.418
Yxy	11.7399, 0.5588, 0.3673
Android (android.graphics.Color)	4289150491 (0xFFA73E1B)
YUV	89.4050, -30.7657, 68.0508
Hunter-Lab	34.2635, 33.0662, 19.8976

# Details

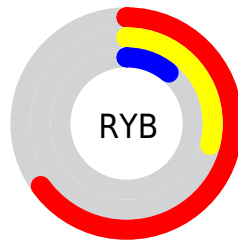
The Hex color **A73E1B** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1B84A7**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **E4724A**, and **6C0300** is the 20% darker color. If you saturate the color by 10%, you get **A7310A**, and if you desaturate by 10%, it is **A74B2C**.

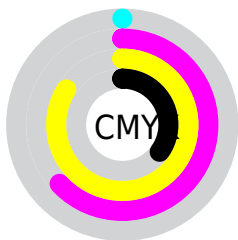
# Distribution



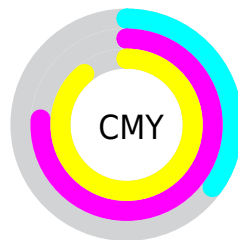
- Red (65%)
- Green (24%)
- Blue (11%)



- Red (65%)
- Yellow (29%)
- Blue (11%)



- Cyan (0%)
- Magenta (63%)
- Yellow (84%)
- Black (35%)



- Cyan (35%)
- Magenta (76%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A73E1B 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 A73E1B by changing the saturation by 10% instead.



 A73E1B

 A73E1B

FFFFFF

 892403

 E4724A

 6C0300

 FF8C63

 4E0000

 FFA87C

 350001

 FFC396

 050000

 FFE0B1

 000000

 FFFDCD

 FFFF99

 A73E1B

 A73E1B

■ A7310A

■ A74B2C

■ A72A00

■ A7573C

■ A7644D

■ A7705E

■ A77D6E

■ A7897F

■ A79690

■ A7A2A1

■ A7AFB1

# Harmonies

## Analogous

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



B5274A



A73E1B



885500

# Triad

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



A73E1B



007446



095EBF

# Complementary

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



A73E1B



1B84A7

# 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.



006DBF



A73E1B



007679

# Square

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



A73E1B



1D6F10



0074A5



8146A5

# Rectangle

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



A73E1B



6D6100



0074A5



0064C2



# Sweetspot

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



A73E1B



D9B0A3



A71B84



6E554D



EDEDED



6E6E6E



# Same Dimension

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



A73E1B



D93600



A7841B



544E4C



942500



140500



# Inverse Universe

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



1B84A7



00A3D9



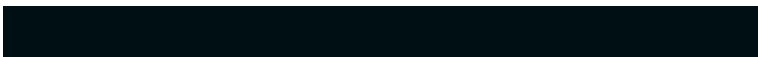
1B3EA7



4C5254



006F94

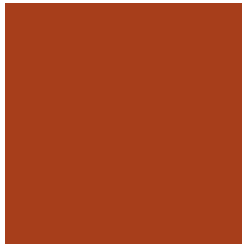


000F14



# Previews

## White Background



This preview shows how the Hex color A73E1B looks on a white background.

## Color Contrast Check

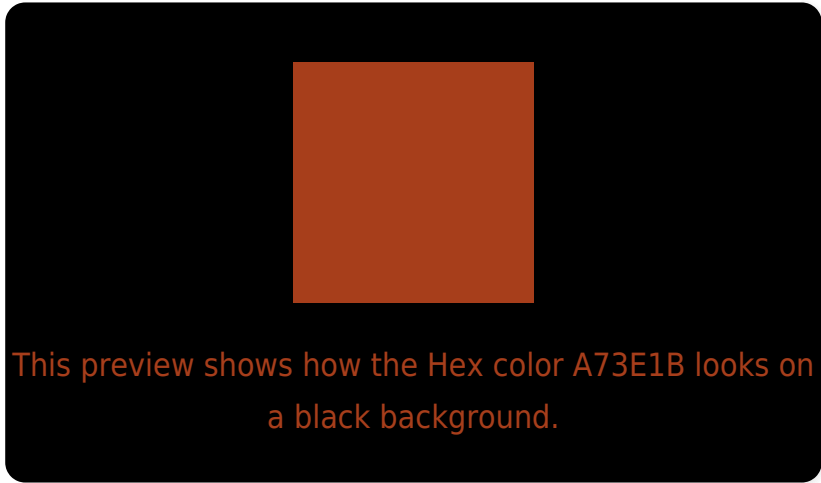
Large Text (above 18pt) WCAG AA ✓ Pass

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 A73E1B Background



This preview shows how black text looks on a background with the Hex color A73E1B.



This preview shows how white text looks on a background with the Hex color A73E1B.

# 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**  
A73E1B

**Protanopia**  
6C6124

**Deuteranopia**  
7B5C0E



**Tritanopia**  
A83A3E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A73E1B 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 #A73E1B looks like.

```
.text, #text, p{  
    color:#A73E1B  
}
```

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 #A73E1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A73E1B
}
```

## Border

The CSS property to change the border of an element to Hex A73E1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

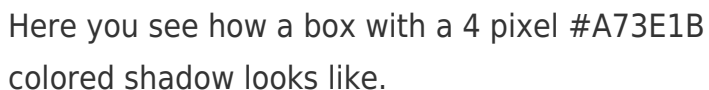
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A73E1B }
```

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

```
.border{ border-color:#A73E1B }
```

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



Here you see how a box with a 4 pixel `#A73E1B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A73E1B; -webkit-box-shadow:4px 4px  
4px 4px #A73E1B; box-shadow:4px 4px 4px  
4px #A73E1B }
```

# Background

The CSS property to change the background color of an element to Hex A73E1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A73E1B }
```

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

```
.background{ background-color:#A73E1B }
```

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