

# Converting Colors

Hex(A65A1E)

Have a look what the booklet for  
Hex(A65A1E) contains.

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**Color**

**Hex(A65A1E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A65A1E
RGB	166, 90, 30
RGB Percent	65%, 35%, 12%
CMY	0.3490, 0.6471, 0.8824
CMYK	0.00, 0.46, 0.82, 0.35
HSL	26°, 69%, 38%
HSV	26°, 82%, 65%
XYZ	19.6164, 15.5131, 3.1887
YIQ	105.8840, 64.5560, -2.5480

# Conversions

## Conversions Part 2

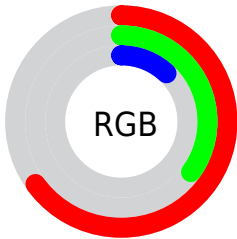
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 137, 30
Decimal	10902046
CIE Lab	46.33, 26.82, 45.82
CIE LCh	46, 53.090, 59.654
Yxy	15.5131, 0.5119, 0.4048
Android (android.graphics.Color)	4289092126 (0xFFA65A1E)
YUV	105.8840, -37.4108, 52.7217
Hunter-Lab	39.3866, 19.9748, 22.7705

# Details

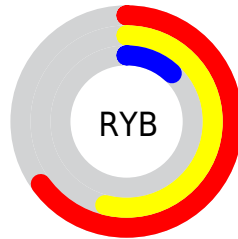
The Hex color **A65A1E** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1E6AA6**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **E28D4F**, and **6C2A00** is the 20% darker color. If you saturate the color by 10%, you get **A6510D**, and if you desaturate by 10%, it is **A6632F**.

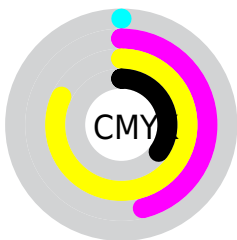
# Distribution



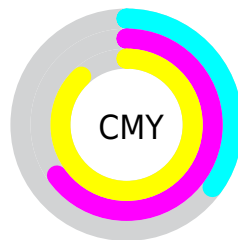
- Red (65%)
- Green (35%)
- Blue (12%)



- Red (65%)
- Yellow (54%)
- Blue (12%)



- Cyan (0%)
- Magenta (46%)
- Yellow (82%)
- Black (35%)



- Cyan (35%)
- Magenta (65%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A65A1E 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 A65A1E by changing the saturation by 10% instead.



 A65A1E

 A65A1E

FFFFFF

 894202

 E28D4F

 6C2A00

 FFA868

 501400

 FFC382

 350000

 FFDF9D

 170000

 FFFCB8

 000000

 FFFFD4

 FFFFF1

 A65A1E

 A65A1E

■ A6510D

■ A6632F

■ A64900

■ A66D3F

■ A67650

■ A67F60

■ A68871

■ A69282

■ A69B92

■ A6A4A3

■ A6ADB3

# Harmonies

## Analogous

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



BA4844



A65A1E



846C00

# Triad

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



A65A1E



00826C



6B62BC

# Complementary

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



A65A1E



1E6AA6

# 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.



0073C7



A65A1E



008299

# Square

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



A65A1E



007F3E



007EBA



A24E9B

# Rectangle

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



A65A1E



687408



007EBA



4E68C2



# Sweetspot

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



A65A1E



D9BAA3



A61E6B



6E5B4D



EDEDED



6E6E6E



# Same Dimension

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



A65A1E



D96204



A69D1E



544F4C



944100



140900



# Inverse Universe

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



1E6AA6



047BD9



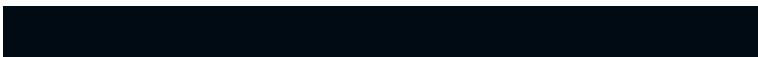
1E27A6



4C5054



005394



000B14



# Previews

## White Background



This preview shows how the Hex color A65A1E looks on a white background.

## Color Contrast Check

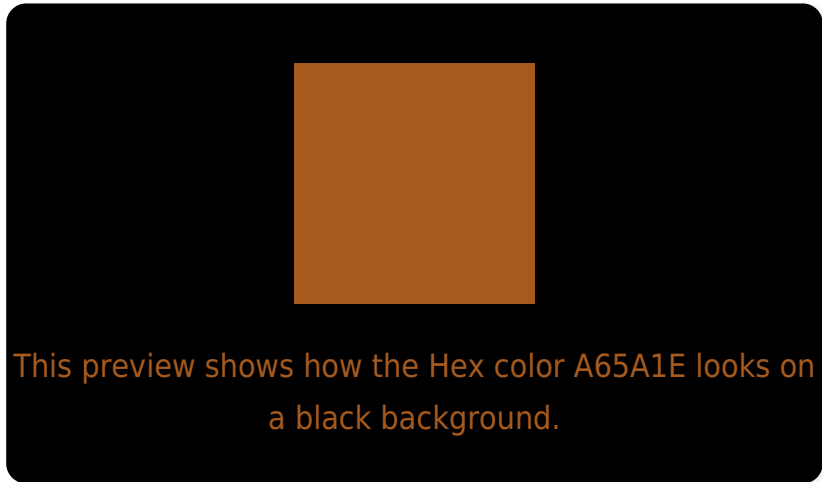
Large Text (above 18pt) WCAG AA ✓ Pass

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

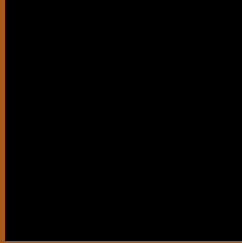
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A65A1E Background



This preview shows how black text looks on a background with the Hex color A65A1E.



This preview shows how white text looks on a background with the Hex color A65A1E.

# 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**  
A65A1E

**Protanopia**  
7C6F23

**Deuteranopia**  
8B6918



**Tritanopia**  
A9545A

# Trichromacy



**Original Color**  
A65A1E

**Protanomaly**  
8B6721

**Deuteranomaly**  
95641A

**Tritanomaly**  
A85644

# Monochromacy



**Original Color**  
A65A1E

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
80644E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A65A1E 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 #A65A1E looks like.

```
.text, #text, p{  
    color:#A65A1E  
}
```

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 #A65A1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A65A1E
}
```

## Border

The CSS property to change the border of an element to Hex A65A1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

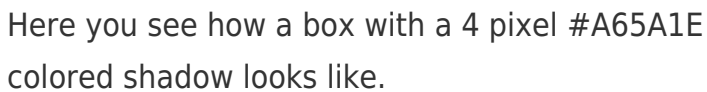
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A65A1E }
```

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

```
.border{ border-color:#A65A1E }
```

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



Here you see how a box with a 4 pixel #A65A1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A65A1E; -webkit-box-shadow:4px 4px  
4px 4px #A65A1E; box-shadow:4px 4px 4px  
4px #A65A1E }
```

# Background

The CSS property to change the background color of an element to Hex A65A1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A65A1E }
```

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

```
.background{ background-color:#A65A1E }
```

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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