

# Converting Colors

Hex(A66E0E)

Have a look what the booklet for  
Hex(A66E0E) contains.

<b>Hex(A66E0E)</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(A66E0E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A66E0E
RGB	166, 110, 14
RGB Percent	65%, 43%, 5%
CMY	0.3490, 0.5686, 0.9451
CMYK	0.00, 0.34, 0.92, 0.35
HSL	38°, 84%, 35%
HSV	38°, 92%, 65%
XYZ	21.3811, 19.2906, 3.0120
YIQ	115.8000, 64.1920, -17.9840

# Conversions

## Conversions Part 2

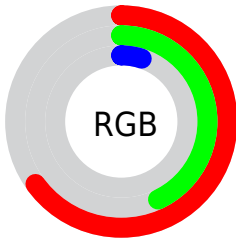
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 166, 14</a>
Decimal	<a href="#">10907150</a>
CIELab	<a href="#">51.03, 15.19, 55.07</a>
CIELCh	<a href="#">51, 57.129, 74.584</a>
Yxy	<a href="#">19.2906, 0.4895, 0.4416</a>
Android (android.graphics.Color)	<a href="#">4289097230 (0xFFA66E0E)</a>
YUV	<a href="#">115.8000, -50.1874, 44.0254</a>
Hunter-Lab	<a href="#">43.9210, 10.0334, 26.6787</a>

# Details

The Hex color **A66E0E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0E46A6**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **E2A247**, and **6D3E00** is the 20% darker color. If you saturate the color by 10%, you get **A66900**, and if you desaturate by 10%, it is **A6741F**.

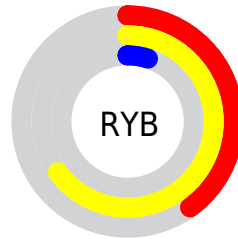
# Distribution



Red (65%)

Green (43%)

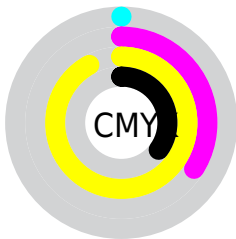
Blue (5%)



Red (40%)

Yellow (65%)

Blue (5%)

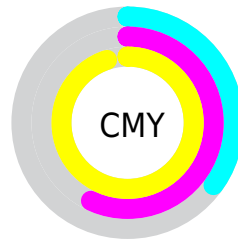


Cyan (0%)

Magenta (34%)

Yellow (92%)

Black (35%)



Cyan (35%)

Magenta (57%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A66E0E 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 A66E0E by changing the saturation by 10% instead.



 A66E0E

 A66E0E


FFFFFF

 895600

 E2A247

 6D3E00

 FFBD61

 512800

 FFD87B

 361400

 FFF596

 1F0000

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 A66E0E

 A66E0E

■ A66900

■ A6741F

■ A67A2F

■ A68040

■ A68650

■ A68D61

■ A69372

■ A69982

■ A69F93

■ A6A5A3

# Harmonies

## Analogous

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



C55937



A66E0E



7B7F03

# Triad

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



A66E0E



009091



9A62C0

# Complementary

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



A66E0E



0E46A6

# 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.



4177D8



A66E0E



008EBD

# Square

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



A66E0E



008F5E



0086D8



C44D95

# Rectangle

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



A66E0E



588620



0086D8



8469CA



# Sweetspot

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



A66E0E



D9C39E



A60E48



6E614B



EDEDED



6E6E6E



# Same Dimension

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



A66E0E



D98900



94A60E



54514C



945D00



140D00



# Inverse Universe

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



0E46A6



0050D9



200EA6



4C4F54



003694



000814



# Previews

## White Background



This preview shows how the Hex color A66E0E looks on a white background.

## Color Contrast Check

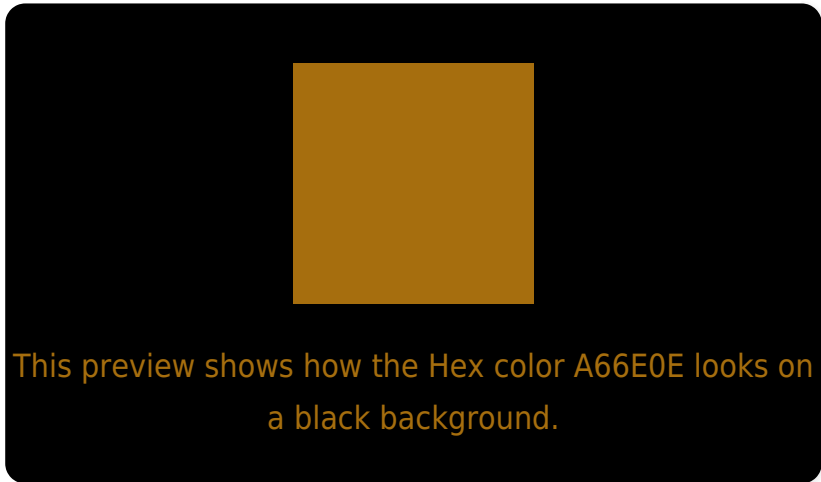
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex A66E0E Background



This preview shows how black text looks on a background with the Hex color A66E0E.



This preview shows how white text looks on a background with the Hex color A66E0E.

# 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**  
A66E0E

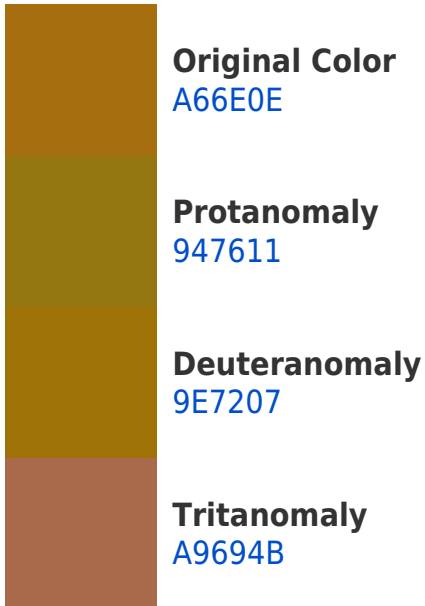
**Protanopia**  
897A12

**Deuteranopia**  
9A7403

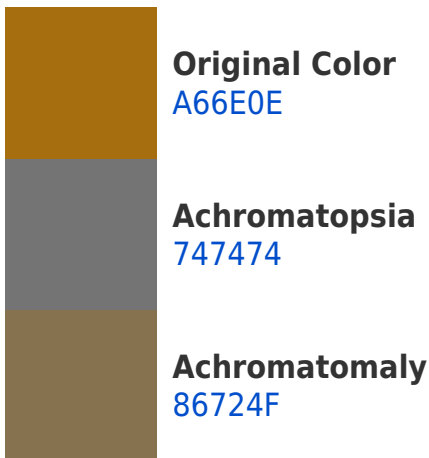


**Tritanopia**  
AB666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A66E0E 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 #A66E0E looks like.

```
.text, #text, p{  
    color:#A66E0E  
}
```

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 #A66E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66E0E
}
```

## Border

The CSS property to change the border of an element to Hex A66E0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

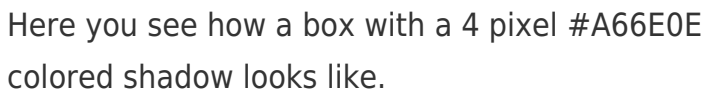
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A66E0E }
```

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

```
.border{ border-color:#A66E0E }
```

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



Here you see how a box with a 4 pixel #A66E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66E0E; -webkit-box-shadow:4px 4px  
4px 4px #A66E0E; box-shadow:4px 4px 4px  
4px #A66E0E }
```

# Background

The CSS property to change the background color of an element to Hex A66E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66E0E }
```

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

```
.background{ background-color:#A66E0E }
```

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