

# Converting Colors

Hex(A05E0C)

Have a look what the booklet for  
Hex(A05E0C) contains.

<b>Hex(A05E0C)</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(A05E0C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A05E0C
RGB	160, 94, 12
RGB Percent	63%, 37%, 5%
CMY	0.3725, 0.6314, 0.9529
CMYK	0.00, 0.41, 0.92, 0.37
HSL	33°, 86%, 34%
HSV	33°, 92%, 63%
XYZ	18.5663, 15.5055, 2.3621
YIQ	104.3860, 65.6580, -11.5100

# Conversions

## Conversions Part 2

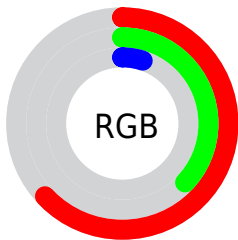
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 160, 12
Decimal	10509836
CIELab	46.32, 21.50, 51.67
CIELCh	46, 55.960, 67.410
Yxy	15.5055, 0.5096, 0.4256
Android (android.graphics.Color)	4288699916 (0xFFA05E0C)
YUV	104.3860, -45.5463, 48.7735
Hunter-Lab	39.3771, 15.2528, 24.0073

# Details

The Hex color **A05E0C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0C4EA0**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **DC9143**, and **672F00** is the 20% darker color. If you saturate the color by 10%, you get **A05900**, and if you desaturate by 10%, it is **A0651C**.

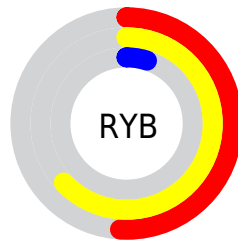
# Distribution



Red (63%)

Green (37%)

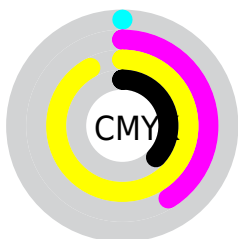
Blue (5%)



Red (51%)

Yellow (63%)

Blue (5%)

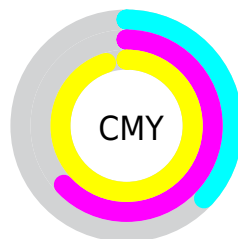


Cyan (0%)

Magenta (41%)

Yellow (92%)

Black (37%)



Cyan (37%)

Magenta (63%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A05E0C 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 A05E0C by changing the saturation by 10% instead.



 A05E0C

 A05E0C

FFFFFF

 834600

 DC9143

 672F00

 FAAB5C

 4A1900

 FFC776

 300400

 FFE391

 0E0000

 FFFFAC

 000000

 FFFFC8

 FFFFEE

 A05E0C

 A05E0C

■ A05900

■ A0651C

■ A06C2C

■ A0733C

■ A07B4C

■ A0825C

■ A0896C

■ A0907C

■ A0978C

■ A09E9C

# Harmonies

## Analogous

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



BA4937



A05E0C



796F00

# Triad

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



A05E0C



008378



7D5CB9

# Complementary

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



A05E0C



0C4EA0

# 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.



0070CB



A05E0C



0082A6

# Square

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



A05E0C



008148



007CC4



AE4693

# Rectangle

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



A05E0C



5A7807



007CC4



6463C2



# Sweetspot

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



A05E0C



D1B797



A00C4F



695945



E8E8E8



696969



# Same Dimension

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



A05E0C



D17400



99A00C



4F4C47



8F4F00



0F0800



# Inverse Universe

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



0C4EA0



005DD1



130CA0



474B4F



00408F

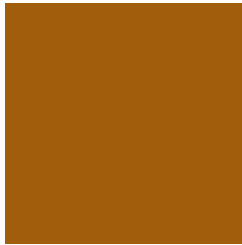


00070F



# Previews

## White Background



This preview shows how the Hex color A05E0C looks on a white background.

## Color Contrast Check

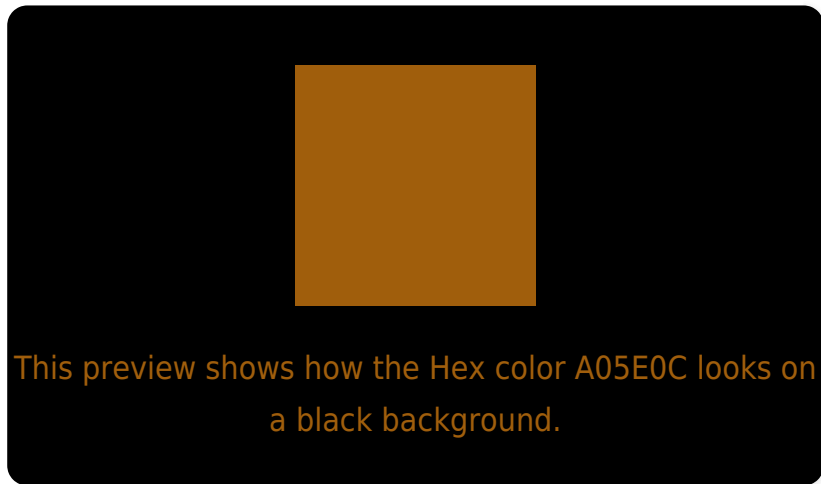
Large Text (above 18pt) WCAG AA ✓ Pass

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 A05E0C Background



This preview shows how black text looks on a background with the Hex color A05E0C.



This preview shows how white text looks on a background with the Hex color A05E0C.

# 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**  
A05E0C

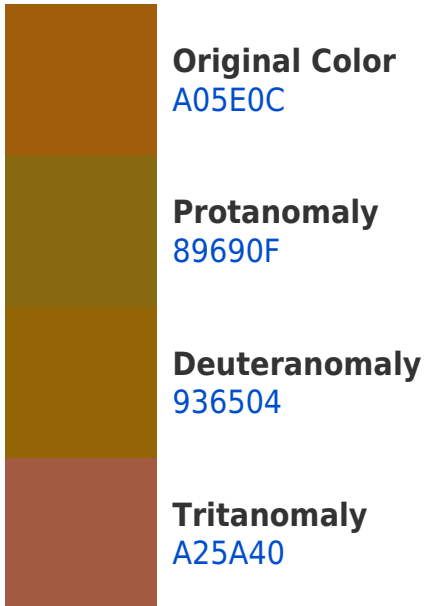
**Protanopia**  
7C6F11

**Deuteranopia**  
8B6900

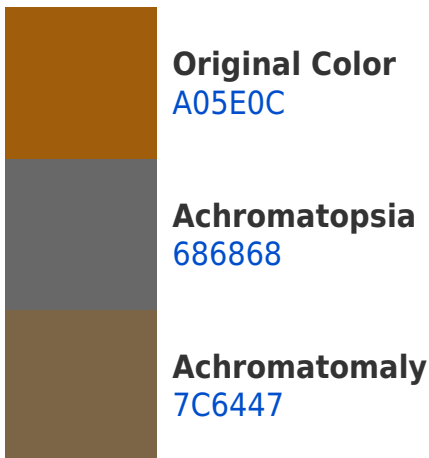


**Tritanopia**  
A3575E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A05E0C 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 #A05E0C looks like.

```
.text, #text, p{  
    color:#A05E0C  
}
```

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 #A05E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A05E0C
}
```

## Border

The CSS property to change the border of an element to Hex A05E0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

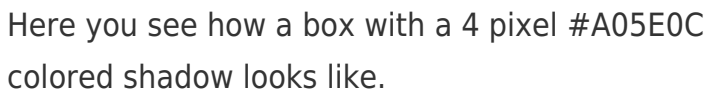
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A05E0C }
```

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

```
.border{ border-color:#A05E0C }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #A05E0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A05E0C; -webkit-box-shadow:4px 4px  
4px 4px #A05E0C; box-shadow:4px 4px 4px  
4px #A05E0C }
```

# Background

The CSS property to change the background color of an element to Hex A05E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A05E0C }
```

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

```
.background{ background-color:#A05E0C }
```

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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