

# Converting Colors

Hex(A65A0C)

Have a look what the booklet for  
Hex(A65A0C) contains.

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**Color**

**Hex(A65A0C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A65A0C
RGB	166, 90, 12
RGB Percent	65%, 35%, 5%
CMY	0.3490, 0.6471, 0.9529
CMYK	0.00, 0.46, 0.93, 0.35
HSL	30°, 87%, 35%
HSV	30°, 93%, 65%
XYZ	19.4484, 15.4459, 2.3041
YIQ	103.8320, 70.3340, -8.1460

# Conversions

## Conversions Part 2

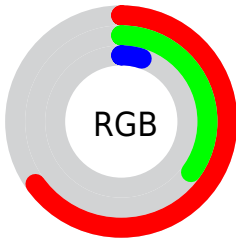
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 166, 12
Decimal	10902028
CIE <sub>Lab</sub>	46.24, 26.36, 51.99
CIE <sub>LCh</sub>	46, 58.292, 63.110
Yxy	15.4459, 0.5228, 0.4152
Android (android.graphics.Color)	4289092108 (0xFFA65A0C)
YUV	103.8320, -45.2732, 54.5213
Hunter-Lab	39.3012, 19.5545, 24.0348

# Details

The Hex color **A65A0C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0C58A6**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E28D42**, and **6C2B00** is the 20% darker color. If you saturate the color by 10%, you get **A65400**, and if you desaturate by 10%, it is **A6621D**.

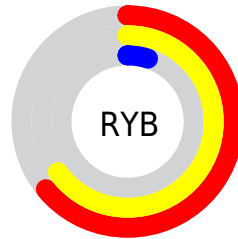
# Distribution



Red (65%)

Green (35%)

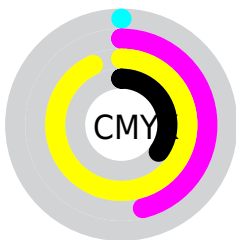
Blue (5%)



Red (64%)

Yellow (65%)

Blue (5%)

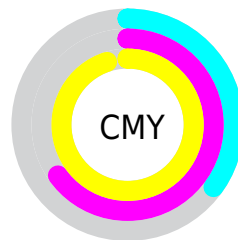


Cyan (0%)

Magenta (46%)

Yellow (93%)

Black (35%)



Cyan (35%)

Magenta (65%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A65A0C 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 A65A0C by changing the saturation by 10% instead.



 A65A0C

 A65A0C

FFFFFF

 884200

 E28D42

 6C2B00

 FFA75C

 4F1400

 FFC376

 340000

 FFDF90

 160000

 FFFCAB

 000000

 FFFFC7

 FFFFE4

 A65A0C

 A65A0C

■ A65400

■ A6621D

■ A66A2D

■ A6733E

■ A67B4E

■ A6835F

■ A68B70

■ A69380

■ A69C91

■ A6A4A1

# Harmonies

## Analogous

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



BF443B



A65A0C



7F6D00

# Triad

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



A65A0C



008471



735EC0

# Complementary

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



A65A0C



0C58A6

# 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.



0072D0



A65A0C



0083A2

# Square

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



A65A0C



00813F



007EC5



AB469B

# Rectangle

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



A65A0C



607600



007EC5



5465C8



# Sweetspot

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



A65A0C



D9BB9C



A60C59



6E5B48



EDEDED



6E6E6E



# Same Dimension

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



A65A0C



D96E00



A6A60C



54504C



944B00



140A00



# Inverse Universe

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



0C58A6



006BD9



0C0CA6



4C5054



004994



000A14



# Previews

## White Background



This preview shows how the Hex color A65A0C looks on a white background.

## Color Contrast Check

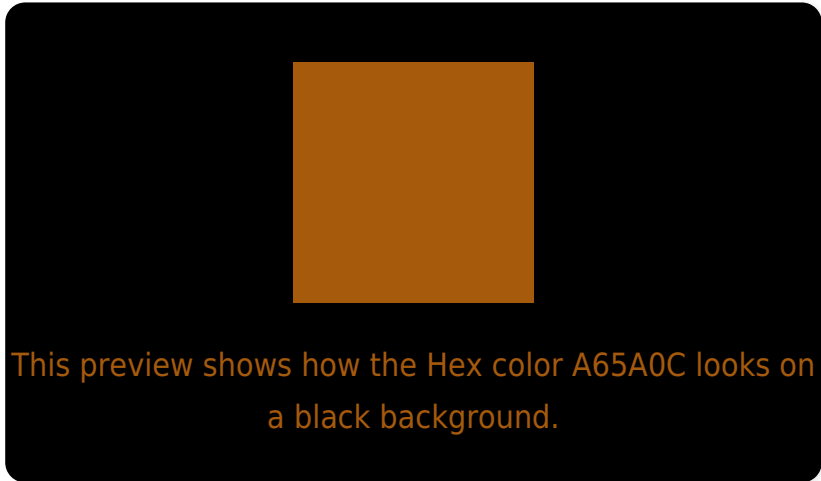
Large Text (above 18pt) WCAG AA ✓ Pass

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 A65A0C Background



This preview shows how black text looks on a background with the Hex color A65A0C.



This preview shows how white text looks on a background with the Hex color A65A0C.

# 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**  
A65A0C

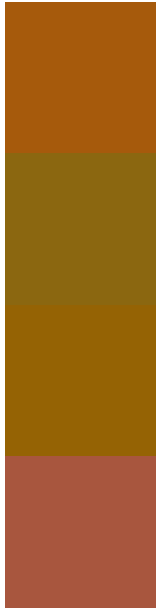
**Protanopia**  
7C6E12

**Deuteranopia**  
8B6800



**Tritanopia**  
A9545A

# Trichromacy



**Original Color**  
A65A0C

**Protanomaly**  
8B6710

**Deuteranomaly**  
956304

**Tritanomaly**  
A8563E

# Monochromacy



**Original Color**  
A65A0C

**Achromatopsia**  
686868

**Achromatomaly**  
7F6347

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A65A0C 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 #A65A0C looks like.

```
.text, #text, p{  
    color:#A65A0C  
}
```

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 #A65A0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A65A0C
}
```

## Border

The CSS property to change the border of an element to Hex A65A0C 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
#A65A0C }
```

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

```
.border{ border-color:#A65A0C }
```

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

Here you see how a box with a 4 pixel #A65A0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A65A0C; -webkit-box-shadow:4px 4px  
4px 4px #A65A0C; box-shadow:4px 4px 4px  
4px #A65A0C }
```

# Background

The CSS property to change the background color of an element to Hex A65A0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A65A0C }
```

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

```
.background{ background-color:#A65A0C }
```

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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