

# Converting Colors

Hex(A5930A)

Have a look what the booklet for  
Hex(A5930A) contains.

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**Color**

**Hex(A5930A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5930A
RGB	165, 147, 10
RGB Percent	65%, 58%, 4%
CMY	0.3529, 0.4235, 0.9608
CMYK	0.00, 0.11, 0.94, 0.35
HSL	53°, 89%, 34%
HSV	53°, 94%, 65%
XYZ	26.0056, 28.8887, 4.4926
YIQ	136.7640, 54.7050, -38.7910

# Conversions

## Conversions Part 2

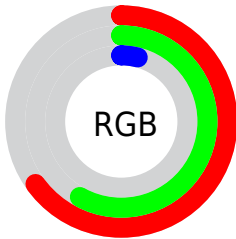
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 165, 10
Decimal	10851082
CIE <sub>Lab</sub>	60.68, -5.93, 63.10
CIE <sub>LCh</sub>	61, 63.381, 95.371
Yxy	28.8887, 0.4379, 0.4864
Android (android.graphics.Color)	4289041162 (0xFFFA5930A)
YUV	136.7640, -62.4947, 24.7630
Hunter-Lab	53.7482, -7.6938, 32.6679

# Details

The Hex color **A5930A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0A1CA5**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **E0C94B**, and **6D6100** is the 20% darker color. If you saturate the color by 10%, you get **A59200**, and if you desaturate by 10%, it is **A5951B**.

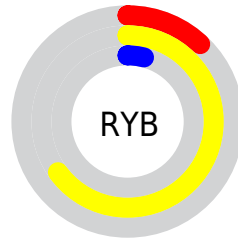
# Distribution



Red (65%)

Green (58%)

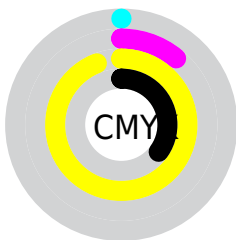
Blue (4%)



Red (12%)

Yellow (65%)

Blue (4%)

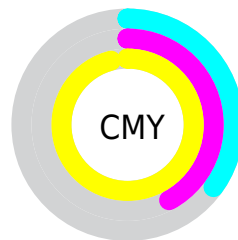


Cyan (0%)

Magenta (11%)

Yellow (94%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5930A 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 A5930A by changing the saturation by 10% instead.



 A5930A

 A5930A

FFFFFF

 887900

 E0C94B

 6D6100

 FEE567

 514900

 FFFF82

 373300

 FFFF9E

 1E1E00

 FFFFBA

 000500

 FFFFD6

 000000

 FFFFF4

 A5930A

 A5930A

■ A59200

■ A5951B

■ A5972B

■ A5993B

■ A59B4C

■ A59D5C

■ A59E6D

■ A5A07E

■ A5A28E

■ A5A49E

# Harmonies

## Analogous

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



D37E27



A5930A



6BA12E

# Triad

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



A5930A



00ABD2



DD66C2

# Complementary

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



A5930A



0A1CA5

# 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.



A17FEE



A5930A



00A4F8

# Square

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



A5930A



00AD9B



0096FF



F65B8B

# Rectangle

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



A5930A



2EA74F



0096FF



CD6ED3



# Sweetspot

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



A5930A



D6CF9A



A50A1C



6B6747



EBEBEB



6B6B6B



# Same Dimension

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



A5930A



D6BD00



6AA50A



525149



918000



121000



# Inverse Universe

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



0A1CA5



0019D6



450AA5



494A52



001191

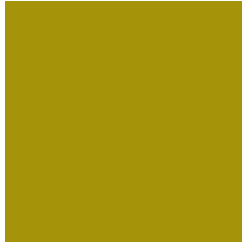


000212



# Previews

## White Background



This preview shows how the Hex color A5930A looks on a white background.

## Color Contrast Check

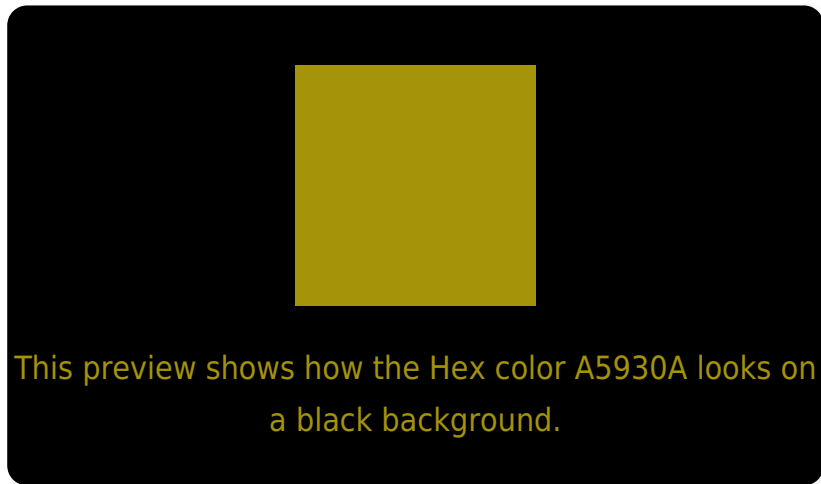
Large Text (above 18pt) WCAG AA ✓ Pass

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 A5930A Background



This preview shows how black text looks on a background with the Hex color A5930A.



This preview shows how white text looks on a background with the Hex color A5930A.

# 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**  
A5930A

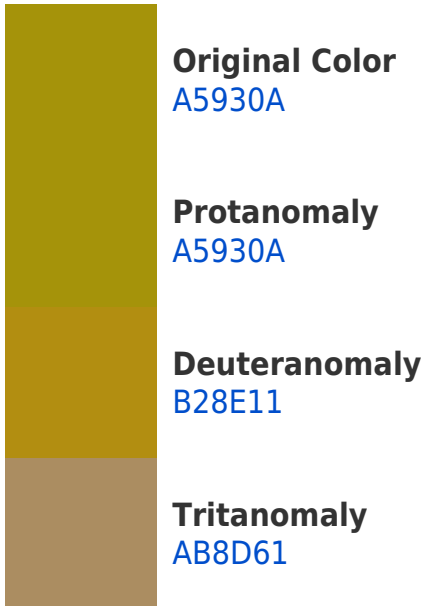
**Protanopia**  
A5930A

**Deuteranopia**  
B98B15

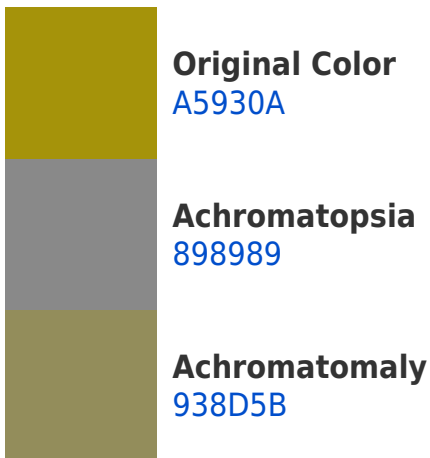


**Tritanopia**  
AE8993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5930A 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 #A5930A looks like.

```
.text, #text, p{  
    color:#A5930A  
}
```

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 #A5930A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5930A
}
```

## Border

The CSS property to change the border of an element to Hex A5930A 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
#A5930A }
```

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

```
.border{ border-color:#A5930A }
```

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

Here you see how a box with a 4 pixel #A5930A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5930A; -webkit-box-shadow:4px 4px  
4px 4px #A5930A; box-shadow:4px 4px 4px  
4px #A5930A }
```

# Background

The CSS property to change the background color of an element to Hex A5930A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5930A }
```

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

```
.background{ background-color:#A5930A }
```

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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