

# Converting Colors

Hex(A5AF1A)

Have a look what the booklet for  
Hex(A5AF1A) contains.

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**Color**

**Hex(A5AF1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5AF1A
RGB	165, 175, 26
RGB Percent	65%, 69%, 10%
CMY	0.3529, 0.3137, 0.8980
CMYK	0.06, 0.00, 0.85, 0.31
HSL	64°, 74%, 39%
HSV	64°, 85%, 69%
XYZ	31.0335, 38.7339, 6.8180
YIQ	155.0240, 41.8690, -48.4590

# Conversions

## Conversions Part 2

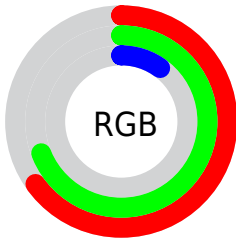
Format	Color
<a href="#">RYB</a>	<a href="#">26, 175, 36</a>
Decimal	<a href="#">10858266</a>
CIELab	<a href="#">68.56, -20.18, 66.37</a>
CIELCh	<a href="#">69, 69.369, 106.909</a>
Yxy	<a href="#">38.7339, 0.4052, 0.5058</a>
Android (android.graphics.Color)	<a href="#">4289048346</a> (0xFFA5AF1A)
YUV	<a href="#">155.0240, -63.6088, 8.7490</a>
Hunter-Lab	<a href="#">62.2365, -19.9071, 37.0703</a>

# Details

The Hex color **A5AF1A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **241AAF**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **DFE658**, and **6D7B00** is the 20% darker color. If you saturate the color by 10%, you get **A4AF09**, and if you desaturate by 10%, it is **A6AF2C**.

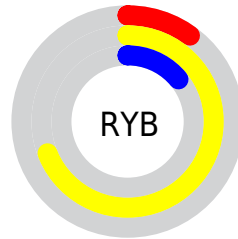
# Distribution



Red (65%)

Green (69%)

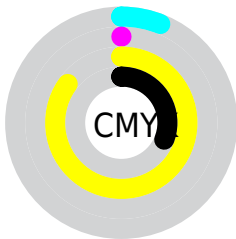
Blue (10%)



Red (10%)

Yellow (69%)

Blue (14%)

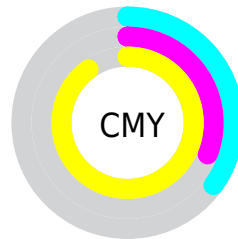


Cyan (6%)

Magenta (0%)

Yellow (85%)

Black (31%)



Cyan (35%)

Magenta (31%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5AF1A 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 A5AF1A by changing the saturation by 10% instead.





A5AF1A



A5AF1A

FFFFFF



899400



DFE658



6D7B00



FDF773



526200



FFFF8F



374A00



FFFFAB



1D3400



FFFC8



001F00



FFFE5



000000



A5AF1A



A5AF1A



A4AF09



A6AF2C

 A3AF00

 A7AF3D

 A9AF4F

 AAAF60

 ABAF72

 ACAF83

 ADAF95

 AEAF A6

 B0AF B8

# Harmonies

## Analogous

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



DD9A1E



A5AF1A



5ABC4B

# Triad

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



A5AF1A



00C1FF



FF6EC5

# Complementary

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



A5AF1A



241AAF

# 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.



D786FE



A5AF1A



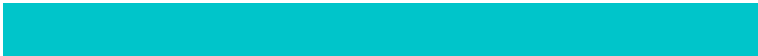
00B6FF

# Square

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



A5AF1A



00C5CA



6FA2FF



FF6C86

# Rectangle

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



A5AF1A



00C173



6FA2FF



FE75DA



# Sweetspot

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



A5AF1A



DFE3A8



AF241A



70734F



F2F2F2



737373



# Same Dimension

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



A5AF1A



D4E300



5BAF1A



56574E



8C9600



151700



# Inverse Universe

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



241AAF



0F00E3



6E1AAF



4F4E57



0A0096



020017



# Previews

## White Background



This preview shows how the Hex color A5AF1A looks on a white background.

## Color Contrast Check

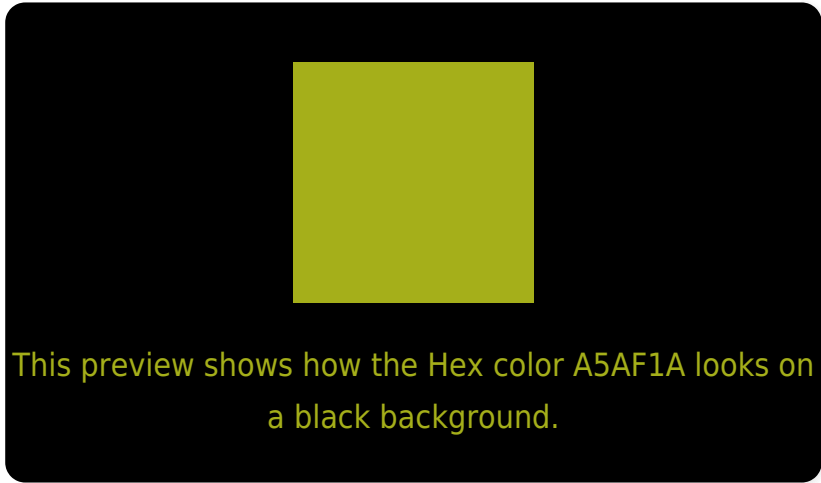
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex A5AF1A Background



This preview shows how black text looks on a background with the Hex color A5AF1A.



This preview shows how white text looks on a background with the Hex color A5AF1A.

# 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**  
A5AF1A

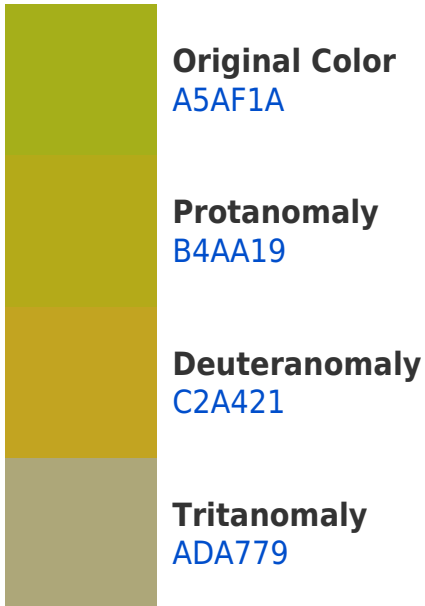
**Protanopia**  
BCA718

**Deuteranopia**  
D29E25



**Tritanopia**  
B1A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5AF1A 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 #A5AF1A looks like.

```
.text, #text, p{  
    color:#A5AF1A  
}
```

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 #A5AF1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5AF1A
}
```

## Border

The CSS property to change the border of an element to Hex A5AF1A 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
#A5AF1A }
```

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

```
.border{ border-color:#A5AF1A }
```

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

Here you see how a box with a 4 pixel #A5AF1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5AF1A; -webkit-box-shadow:4px 4px  
4px 4px #A5AF1A; box-shadow:4px 4px 4px  
4px #A5AF1A }
```

# Background

The CSS property to change the background color of an element to Hex A5AF1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5AF1A }
```

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

```
.background{ background-color:#A5AF1A }
```

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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