

# Converting Colors

Hex(A8D61C)

Have a look what the booklet for  
Hex(A8D61C) contains.

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**Color**

**Hex(A8D61C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8D61C
RGB	168, 214, 28
RGB Percent	66%, 84%, 11%
CMY	0.3412, 0.1608, 0.8902
CMYK	0.21, 0.00, 0.87, 0.16
HSL	75°, 77%, 47%
HSV	75°, 87%, 84%
XYZ	40.4046, 56.5018, 9.8750
YIQ	179.0420, 32.2900, -67.5980

# Conversions

## Conversions Part 2

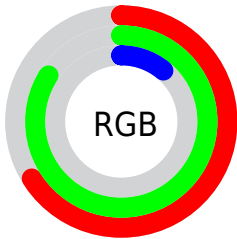
Format	Color
<a href="#">RYB</a>	<a href="#">28, 214, 74</a>
Decimal	<a href="#">11064860</a>
CIELab	<a href="#">79.90, -37.40, 75.48</a>
CIELCh	<a href="#">80, 84.243, 116.358</a>
Yxy	<a href="#">56.5018, 0.3784, 0.5291</a>
Android (android.graphics.Color)	<a href="#">4289254940 (0xFFA8D61C)</a>
YUV	<a href="#">179.0420, -74.4637, -9.6838</a>
Hunter-Lab	<a href="#">75.1677, -35.5950, 44.8283</a>

# Details

The Hex color **A8D61C** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **4A1CD6**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E3FF5F**, and **6E9F00** is the 20% darker color. If you saturate the color by 10%, you get **A3D607**, and if you desaturate by 10%, it is **ADD631**.

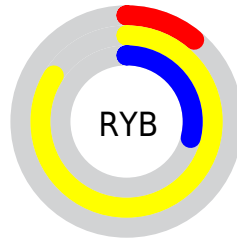
# Distribution



Red (66%)

Green (84%)

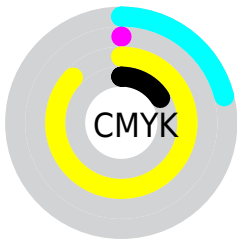
Blue (11%)



Red (11%)

Yellow (84%)

Blue (29%)

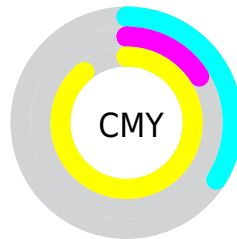


Cyan (21%)

Magenta (0%)

Yellow (87%)

Black (16%)



Cyan (34%)

Magenta (16%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8D61C 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 A8D61C by changing the saturation by 10% instead.



 A8D61C

 A8D61C

FFFFFF

 8BBA00

 E3FF5F

 6E9F00

 FFFF7C

 528500

 FFFF99

 356B00

 FFFFB6

 135300

 FFFFD3

 003B00

 FFFFF1

 002600

 000000

 A8D61C

 A8D61C

 A3D607

 ADD631

 A1D600

 B3D647

 B8D65C

 BDD672

 C2D687

 C8D69C

 CDD6B2

 D2D6C7

 D8D6DD

# Harmonies

## Analogous

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



F4BF00



A8D61C



20E369

# Triad

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



A8D61C



00E3FF



FF76D3

# Complementary

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



A8D61C



4A1CD6

# 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.



FF91FF



A8D61C



00D2FF

# Square

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



A8D61C



00EAFB



B1B5FF



FF7F85

# Rectangle

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



A8D61C



00E89E



B1B5FF



FF7CED

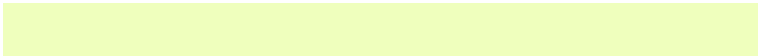


# Sweetspot

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



A8D61C



EFFFBD



D6471C



768058



000000



808080



# Same Dimension

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



A8D61C



C0FF00



4ED61C



686B60



81AB00



212B00



# Inverse Universe

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



4A1CD6



3F00FF



A41CD6



63606B



2A00AB



0B002B



# Previews

## White Background



This preview shows how the Hex color A8D61C looks on a white background.

## Color Contrast Check

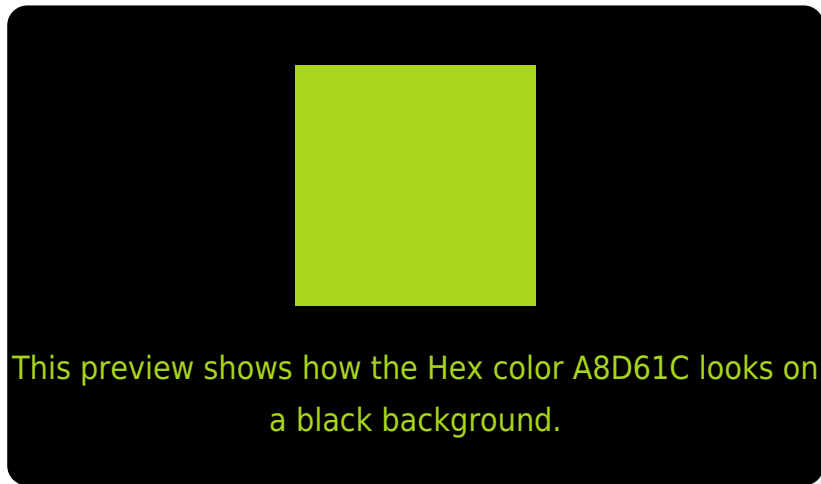
Large Text (above 18pt) WCAG AA × Fail

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 A8D61C Background



This preview shows how black text looks on a background with the Hex color A8D61C.



This preview shows how white text looks on a background with the Hex color A8D61C.

# 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



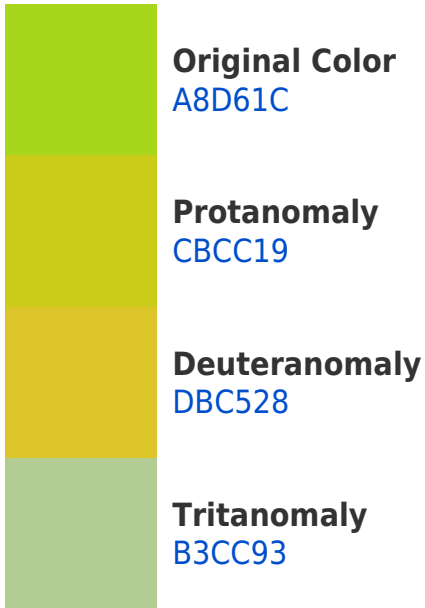
**Original Color**  
A8D61C

**Protanopia**  
DFC617

**Deuteranopia**  
F8BB2F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8D61C 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 #A8D61C looks like.

```
.text, #text, p{  
    color:#A8D61C  
}
```

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 #A8D61C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8D61C
}
```

## Border

The CSS property to change the border of an element to Hex A8D61C 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
#A8D61C }
```

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

```
.border{ border-color:#A8D61C }
```

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

Here you see how a box with a 4 pixel #A8D61C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8D61C; -webkit-box-shadow:4px 4px  
4px 4px #A8D61C; box-shadow:4px 4px 4px  
4px #A8D61C }
```

# Background

The CSS property to change the background color of an element to Hex A8D61C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8D61C }
```

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

```
.background{ background-color:#A8D61C }
```

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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