

Converting Colors

Hex(8AD912)

Have a look what the booklet for
Hex(8AD912) contains.

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Color

Hex(8AD912)

Conversions

Conversions Part 1

Format	Color
Hex	8AD912
RGB	138, 217, 18
RGB Percent	54%, 85%, 7%
CMY	0.4588, 0.1490, 0.9294
CMYK	0.36, 0.00, 0.92, 0.15
HSL	84°, 85%, 46%
HSV	84°, 92%, 85%
XYZ	35.4033, 55.0727, 9.3364
YIQ	170.6930, 16.7950, -78.6370

Conversions

Conversions Part 2

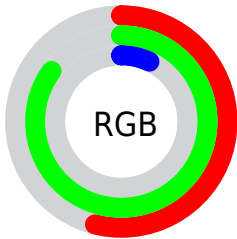
Format	Color
RYB	18, 217, 97
Decimal	9099538
CIELab	79.08, -50.09, 75.74
CIELCh	79, 90.806, 123.476
Yxy	55.0727, 0.3547, 0.5518
Android (android.graphics.Color)	4287289618 (0xFF8AD912)
YUV	170.6930, -75.2776, -28.6718
Hunter-Lab	74.2110, -44.7135, 44.4885

Details

The Hex color **8AD912** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **6112D9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C5FF5B**, and **4EA100** is the 20% darker color. If you saturate the color by 10%, you get **83D900**, and if you desaturate by 10%, it is **93D928**.

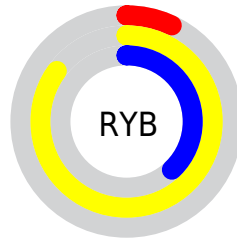
Distribution



Red (54%)

Green (85%)

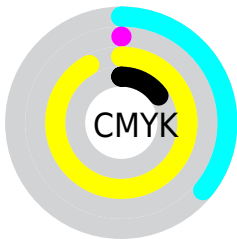
Blue (7%)



Red (7%)

Yellow (85%)

Blue (38%)

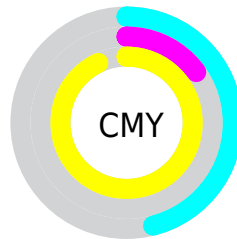


Cyan (36%)

Magenta (0%)

Yellow (92%)

Black (15%)



Cyan (46%)

Magenta (15%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AD912 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 8AD912 by changing the saturation by 10% instead.

 8AD912

 8AD912

FFFFFF

 6DBD00

 C5FF5B

 4EA100

 E3FF78

 2E8700

 FFFF95

 006D00

 FFFFB2

 005400

 FFFFCF

 003B00

 FFFFED

 002600

 000000

 8AD912

 8AD912

■ 83D900

■ 93D928

■ 9BD93D

■ A4D953

■ ACD969

■ B5D97E

■ BED994

■ C6D9AA

■ CFD9C0

■ D8D9D5

Harmonies

Analogous

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



E1C300



8AD912



00E573

Triad

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



8AD912



00E0FF



FF66BE

Complementary

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



8AD912



6112D9

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.



FF7EFF



8AD912



00CBFF

Square

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



8AD912



00E9FF



CEA8FF



FF7B6B

Rectangle

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



8AD912



00E9AE



CEA8FF



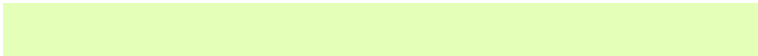
FF69DA

Sweetspot

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



8AD912



E3FFB8



D95E12



6E8054



000000



808080

Same Dimension

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



8AD912



9AFF00



29D912



696E63



69AD00



1C2E00

Inverse Universe

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



6112D9



6500FF



C212D9



67636E



4500AD



12002E

Previews

White Background



This preview shows how the Hex color 8AD912 looks on a white background.

Color Contrast Check

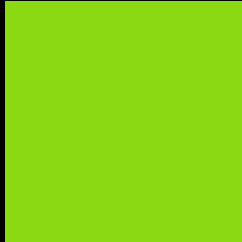
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 8AD912 looks on a 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 8AD912 Background



This preview shows how black text looks on a background with the Hex color 8AD912.

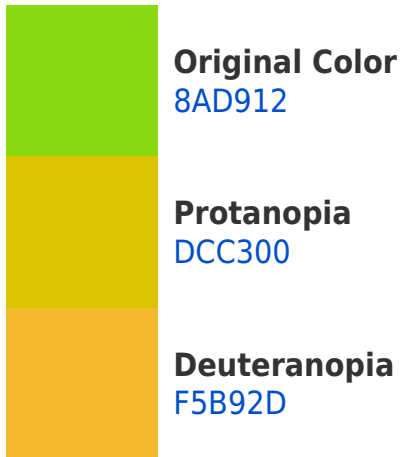


This preview shows how white text looks on a background with the Hex color 8AD912.

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



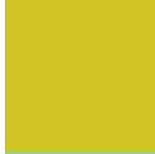
Trichromacy



Original Color
8AD912



Protanomaly
BECB07



Deuteranomaly
CEC523

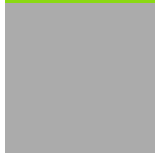


Tritanomaly
99CF91

Monochromacy



Original Color
8AD912



Achromatopsia
ABABAB



Achromatomaly
9FBC73

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AD912 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 #8AD912 looks like.

```
.text, #text, p{  
    color:#8AD912  
}
```

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 #8AD912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AD912
}
```

Border

The CSS property to change the border of an element to Hex 8AD912 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
#8AD912 }
```

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

```
.border{ border-color:#8AD912 }
```

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

Here you see how a box with a 4 pixel #8AD912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AD912; -webkit-box-shadow:4px 4px  
4px 4px #8AD912; box-shadow:4px 4px 4px  
4px #8AD912 }
```

Background

The CSS property to change the background color of an element to Hex 8AD912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AD912 }
```

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

```
.background{ background-color:#8AD912 }
```

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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