

Converting Colors

Hex(A8D102)

Have a look what the booklet for
Hex(A8D102) contains.

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Color

Hex(A8D102)

Conversions

Conversions Part 1

Format	Color
Hex	A8D102
RGB	168, 209, 2
RGB Percent	66%, 82%, 1%
CMY	0.3412, 0.1804, 0.9922
CMYK	0.20, 0.00, 0.99, 0.18
HSL	72°, 98%, 41%
HSV	72°, 99%, 82%
XYZ	38.9599, 53.9301, 8.4136
YIQ	173.1430, 42.0110, -73.0690

Conversions

Conversions Part 2

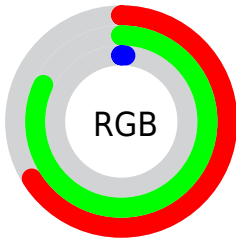
Format	Color
R _Y B	2, 209, 43
Decimal	11063554
CIE Lab	78.42, -35.57, 77.61
CIE LCh	78, 85.371, 114.623
Yxy	53.9301, 0.3846, 0.5324
Android (android.graphics.Color)	4289253634 (0xFFA8D102)
YUV	173.1430, -84.3735, -4.5104
Hunter-Lab	73.4371, -33.8172, 44.6132

Details

The Hex color **A8D102** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **2B02D1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **E3FF55**, and **6E9A00** is the 20% darker color. If you saturate the color by 10%, you get **A8D100**, and if you desaturate by 10%, it is **ACD117**.

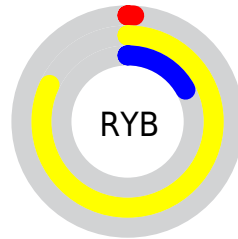
Distribution



Red (66%)

Green (82%)

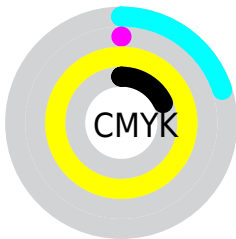
Blue (1%)



Red (1%)

Yellow (82%)

Blue (17%)

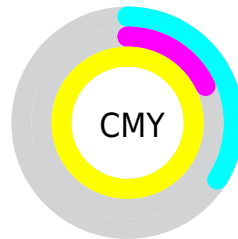


Cyan (20%)

Magenta (0%)

Yellow (99%)

Black (18%)



Cyan (34%)

Magenta (18%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8D102 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 A8D102 by changing the saturation by 10% instead.

 A8D102

 A8D102

FFFFFF

 8BB500

 E3FF55

 6E9A00

 FFFF73

 528000

 FFFF90

 356700

 FFFFAD

 144F00

 FFFFCA

 003700

 FFFFEB

 002400

 000000

 A8D102

 A8D102

 A8D100

 ACD117

 B0D12C

 B4D141

 B9D156

 BDD16B

 C1D17F

 C5D194

 C9D1A9

 CDD1BE

Harmonies

Analogous

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



F3B900



A8D102



25DF60

Triad

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



A8D102



00E0FF



FF70D4

Complementary

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



A8D102



2B02D1

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.



FF8DFF



A8D102



00D0FF

Square

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



A8D102



00E6FF



A3B3FF



FF7785

Rectangle

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



A8D102



00E495



A3B3FF



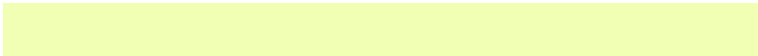
FF77EE

Sweetspot

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



A8D102



F0FFB3



D12802



768052



000000



808080

Same Dimension

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



A8D102



CCFF00



44D102



66695E



87A800



212900

Inverse Universe

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



2B02D1



3300FF



8F02D1



605E69



2100A8



080029

Previews

White Background



This preview shows how the Hex color A8D102 looks on a white background.

Color Contrast Check

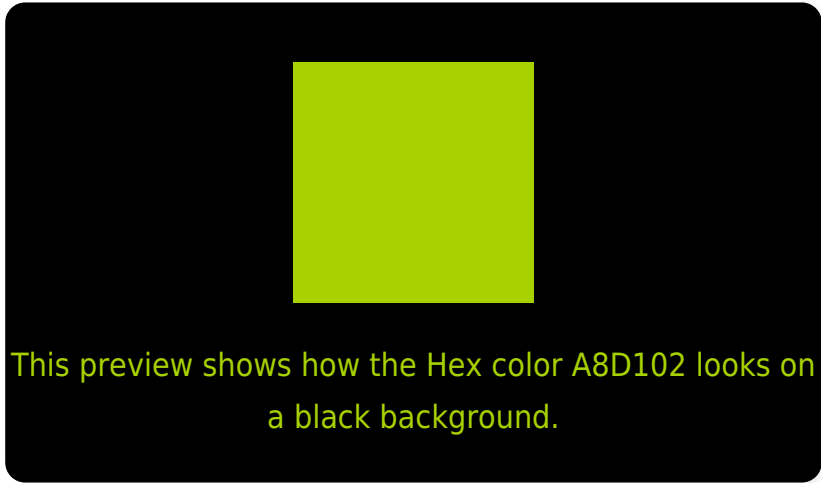
Large Text (above 18pt) WCAG AA × Fail

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 A8D102 Background



This preview shows how black text looks on a background with the Hex color A8D102.

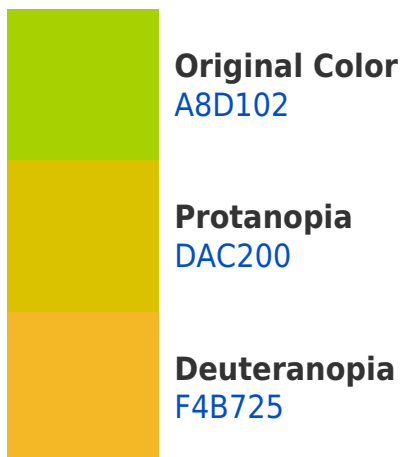


This preview shows how white text looks on a background with the Hex color A8D102.

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





Tritanopia
B9C2D2

Trichromacy



Original Color
A8D102

Protanomaly
C8C701

Deuteranomaly
D8C018

Tritanomaly
B3C786

Monochromacy



Original Color
A8D102

Achromatopsia
ADADAD

Achromatomaly
ABBA6F

CSS Examples

Text

The CSS property to change the color of the text to Hex A8D102 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 #A8D102 looks like.

```
.text, #text, p{  
    color:#A8D102  
}
```

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 #A8D102 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8D102
}
```

Border

The CSS property to change the border of an element to Hex A8D102 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
#A8D102 }
```

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

```
.border{ border-color:#A8D102 }
```

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

Here you see how a box with a 4 pixel #A8D102 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8D102; -webkit-box-shadow:4px 4px  
4px 4px #A8D102; box-shadow:4px 4px 4px  
4px #A8D102 }
```

Background

The CSS property to change the background color of an element to Hex A8D102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8D102 }
```

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

```
.background{ background-color:#A8D102 }
```

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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