

Converting Colors

Hex(A8E712)

Have a look what the booklet for
Hex(A8E712) contains.

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Color

Hex(A8E712)

Conversions

Conversions Part 1

Format	Color
Hex	A8E712
RGB	168, 231, 18
RGB Percent	66%, 91%, 7%
CMY	0.3412, 0.0941, 0.9294
CMYK	0.27, 0.00, 0.92, 0.09
HSL	78°, 86%, 49%
HSV	78°, 92%, 91%
XYZ	44.8335, 65.5203, 10.8560
YIQ	187.8810, 30.8250, -79.5990

Conversions

Conversions Part 2

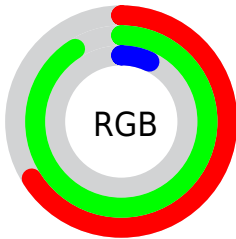
Format	Color
RYB	18, 231, 81
Decimal	11069202
CIELab	84.75, -45.06, 80.97
CIELCh	85, 92.661, 119.094
Yxy	65.5203, 0.3699, 0.5406
Android (android.graphics.Color)	4289259282 (0xFFA8E712)
YUV	187.8810, -83.7513, -17.4356
Hunter-Lab	80.9446, -42.7857, 48.7095

Details

The Hex color **A8E712** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **5112E7**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **E4FF5E**, and **6DAF00** is the 20% darker color. If you saturate the color by 10%, you get **A3E700**, and if you desaturate by 10%, it is **AFE729**.

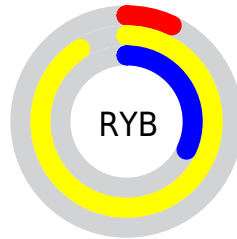
Distribution



Red (66%)

Green (91%)

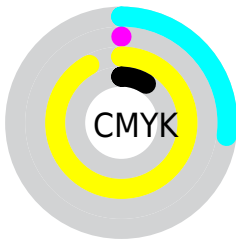
Blue (7%)



Red (7%)

Yellow (91%)

Blue (32%)

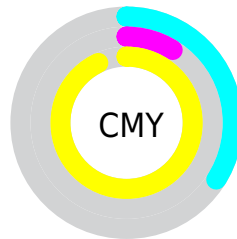


Cyan (27%)

Magenta (0%)

Yellow (92%)

Black (9%)



Cyan (34%)

Magenta (9%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8E712 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 A8E712 by changing the saturation by 10% instead.

 A8E712

 A8E712

FFFFFF

 8BCB00


 E4FF5E

 6DAF00

 FFFF7C

 4F9400

 FFFF99

 317A00

 FFFFB6

 016100

 FFFFD4

 004800

 FFFFF2

 003100

 001900

 000000

 A8E712

 A8E712

 A3E700

 AFE729

 B6E740

 BCE757

 C3E76E

 CAE786

 D1E79D

 D8E7B4

 DFE7CB

 E5E7E2

Harmonies

Analogous

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



FECF00



A8E712



00F574

Triad

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



A8E712



00F3FF



FF76DA

Complementary

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



A8E712



5112E7

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.



FF93FF



A8E712



00DFFF

Square

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



A8E712



00FBFF



C9BDFE



FF8584

Rectangle

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



A8E712



00FAB0



C9BDFF



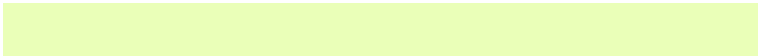
FF7CF7

Sweetspot

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



A8E712



EAFFB8



E74E12



738054



000000



808080

Same Dimension

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



A8E712



B4FF00



40E712



6F7367



7EB300



243300

Inverse Universe

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



5112E7



4B00FF



B912E7



6B6773



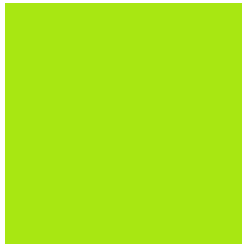
3500B3



0F0033

Previews

White Background



This preview shows how the Hex color A8E712 looks on a white background.

Color Contrast Check

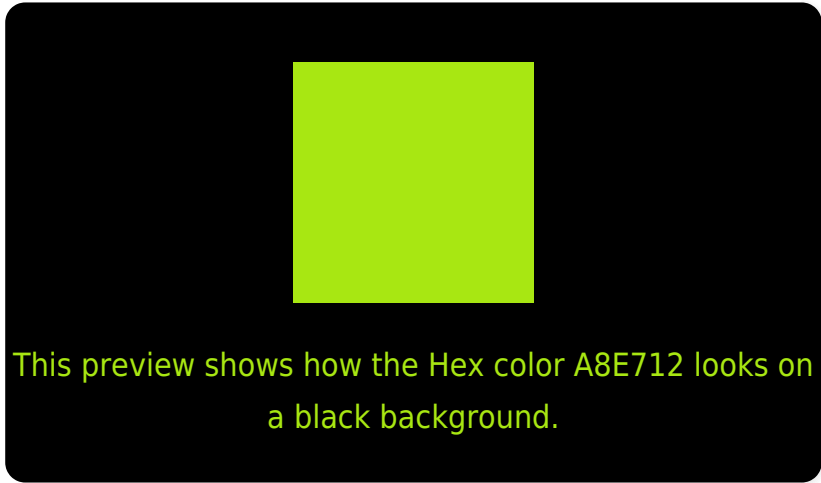
Large Text (above 18pt) WCAG AA × Fail

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 A8E712 Background



This preview shows how black text looks on a background with the Hex color A8E712.

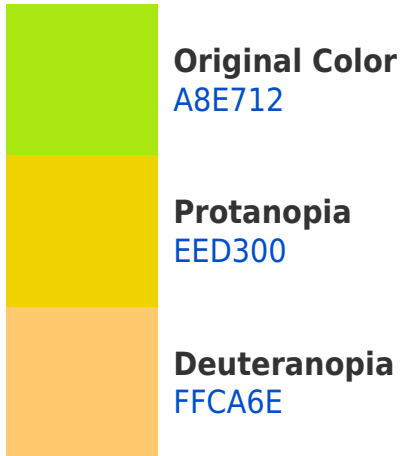


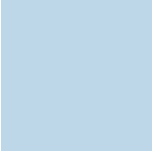
This preview shows how white text looks on a background with the Hex color A8E712.

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](#).

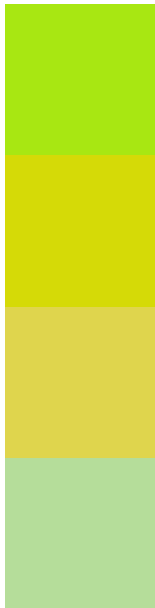
Dichromacy





Tritanopia
BDD7E8

Trichromacy



Original Color
A8E712

Protanomaly
D5DA07

Deuteranomaly
DFD54D

Tritanomaly
B5DD9A

Monochromacy



Original Color
A8E712

Achromatopsia
BCBCBC

Achromatomaly
B5CC7E

CSS Examples

Text

The CSS property to change the color of the text to Hex A8E712 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 #A8E712 looks like.

```
.text, #text, p{  
    color:#A8E712  
}
```

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 #A8E712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8E712
}
```

Border

The CSS property to change the border of an element to Hex A8E712 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
#A8E712 }
```

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

```
.border{ border-color:#A8E712 }
```

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

Here you see how a box with a 4 pixel #A8E712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8E712; -webkit-box-shadow:4px 4px  
4px 4px #A8E712; box-shadow:4px 4px 4px  
4px #A8E712 }
```

Background

The CSS property to change the background color of an element to Hex A8E712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8E712 }
```

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

```
.background{ background-color:#A8E712 }
```

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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