

Converting Colors

Hex(A0E714)

Have a look what the booklet for
Hex(A0E714) contains.

Hex(A0E714)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A0E714)

Conversions

Conversions Part 1

Format	Color
Hex	A0E714
RGB	160, 231, 20
RGB Percent	63%, 91%, 8%
CMY	0.3725, 0.0941, 0.9216
CMYK	0.31, 0.00, 0.91, 0.09
HSL	80°, 84%, 49%
HSV	80°, 91%, 91%
XYZ	43.1994, 64.6759, 10.8687
YIQ	185.7170, 25.4150, -80.6730

Conversions

Conversions Part 2

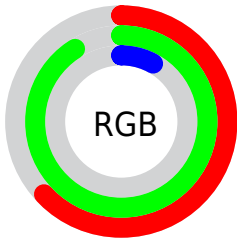
Format	Color
RYB	20, 231, 91
Decimal	10544916
CIELab	84.32, -47.97, 80.18
CIELCh	84, 93.437, 120.890
Yxy	64.6759, 0.3638, 0.5447
Android (android.graphics.Color)	4288734996 (0xFFA0E714)
YUV	185.7170, -81.6985, -22.5538
Hunter-Lab	80.4213, -44.8537, 48.2821

Details

The Hex color **A0E714** 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 **5B14E7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **DCFF5E**, and **65AF00** is the 20% darker color. If you saturate the color by 10%, you get **99E700**, and if you desaturate by 10%, it is **A8E72B**.

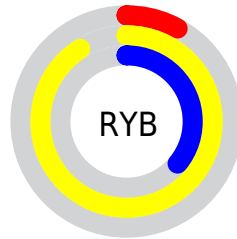
Distribution



Red (63%)

Green (91%)

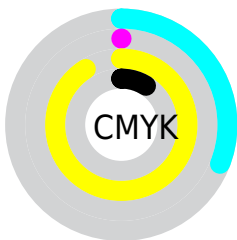
Blue (8%)



Red (8%)

Yellow (91%)

Blue (36%)

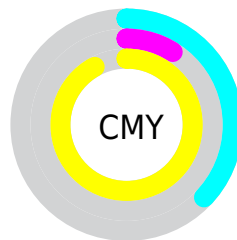


Cyan (31%)

Magenta (0%)

Yellow (91%)

Black (9%)



Cyan (37%)

Magenta (9%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color A0E714 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 A0E714 by changing the saturation by 10% instead.

 A0E714

 A0E714

FFFFFF

 82CB00

 DCFF5E

 65AF00

 FAFF7C

 469400

 FFFF99

 257A00

 FFFFB7

 006000

 FFFFD4

 004800

 FFFFF2

 003100

 001800

 000000

 A0E714

 A0E714

 99E700

 A8E72B

 B0E742

 B7E759

 BFE770

 C7E788

 CFE79F

 D6E7B6

 DEE7CD

 E6E7E4

Harmonies

Analogous

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



F9CF00



A0E714



00F477

Triad

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



A0E714



00F1FF



FF73D4

Complementary

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



A0E714



5B14E7

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.



FF8EFF



A0E714



00DCFF

Square

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



A0E714



00FAFF



D1BAFF



FF847D

Rectangle

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



A0E714



00F9B4



D1BAFF



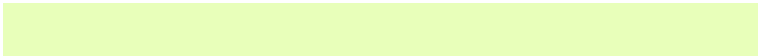
FF78F1

Sweetspot

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



A0E714



E8FFBA



E75A14



728057



000000



808080

Same Dimension

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



A0E714



A9FF00



37E714



6F7367



76B300



223300

Inverse Universe

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



5B14E7



5600FF



C414E7



6B6773



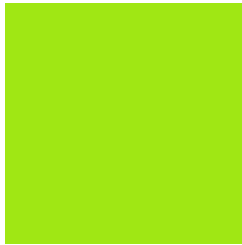
3C00B3



110033

Previews

White Background



This preview shows how the Hex color A0E714 looks on a white background.

Color Contrast Check

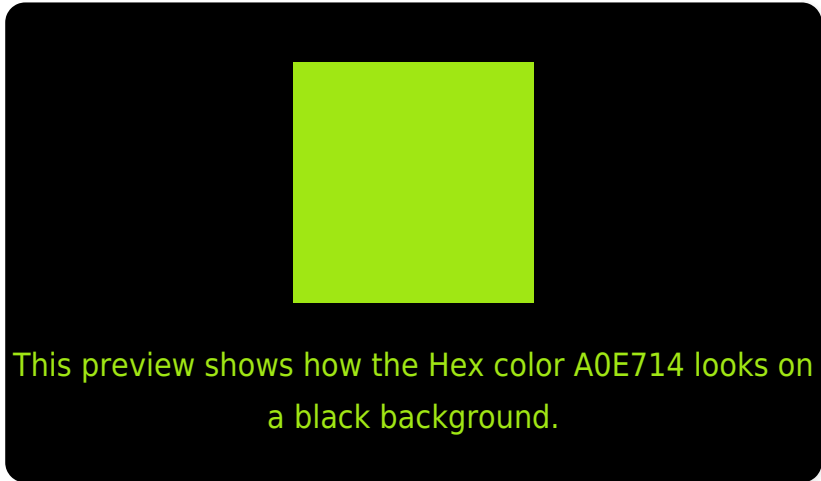
Large Text (above 18pt) WCAG AA × Fail

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 A0E714 Background



This preview shows how black text looks on a background with the Hex color A0E714.

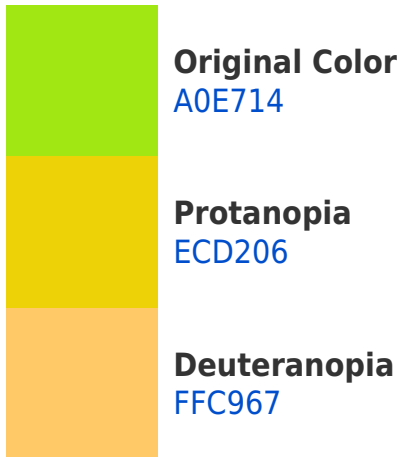


This preview shows how white text looks on a background with the Hex color A0E714.

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
B6D7E8

Trichromacy



Original Color
A0E714



Protanomaly
D0DA0B



Deuteranomaly
DCD449

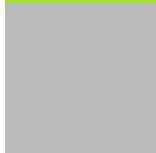


Tritanomaly
AEDD9B

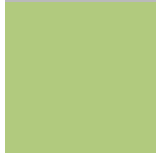
Monochromacy



Original Color
A0E714



Achromatopsia
BABABA



Achromatomaly
B1CA7E

CSS Examples

Text

The CSS property to change the color of the text to Hex A0E714 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 #A0E714 looks like.

```
.text, #text, p{  
    color:#A0E714  
}
```

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 #A0E714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0E714
}
```

Border

The CSS property to change the border of an element to Hex A0E714 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
#A0E714 }
```

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

```
.border{ border-color:#A0E714 }
```

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

Here you see how a box with a 4 pixel #A0E714 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0E714; -webkit-box-shadow:4px 4px  
4px 4px #A0E714; box-shadow:4px 4px 4px  
4px #A0E714 }
```

Background

The CSS property to change the background color of an element to Hex A0E714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0E714 }
```

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

```
.background{ background-color:#A0E714 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor