

# Converting Colors

Hex(A0E720)

Have a look what the booklet for  
Hex(A0E720) contains.

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**Color**

**Hex(A0E720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0E720
RGB	160, 231, 32
RGB Percent	63%, 91%, 13%
CMY	0.3725, 0.0941, 0.8745
CMYK	0.31, 0.00, 0.86, 0.09
HSL	81°, 81%, 52%
HSV	81°, 86%, 91%
XYZ	43.3338, 64.7297, 11.5766
YIQ	187.0850, 21.5630, -76.9410

# Conversions

## Conversions Part 2

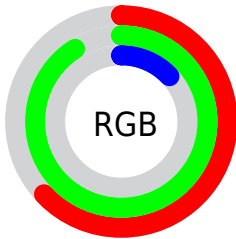
Format	Color
<a href="#">RYB</a>	<a href="#">32, 231, 103</a>
Decimal	<a href="#">10544928</a>
CIELab	<a href="#">84.34, -47.69, 78.26</a>
CIELCh	<a href="#">84, 91.646, 121.358</a>
Yxy	<a href="#">64.7297, 0.3622, 0.5410</a>
Android (android.graphics.Color)	<a href="#">4288735008 (0xFFA0E720)</a>
YUV	<a href="#">187.0850, -76.4569, -23.7535</a>
Hunter-Lab	<a href="#">80.4548, -44.6538, 47.7871</a>

# Details

The Hex color **A0E720** 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 **6720E7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **DCFF64**, and **65AF00** is the 20% darker color. If you saturate the color by 10%, you get **98E709**, and if you desaturate by 10%, it is **A8E737**.

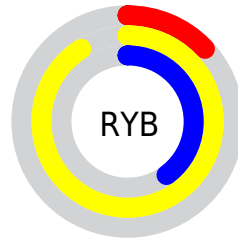
# Distribution



Red (63%)

Green (91%)

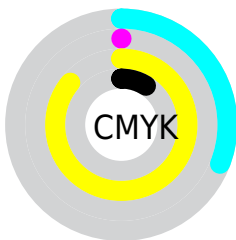
Blue (13%)



Red (13%)

Yellow (91%)

Blue (40%)

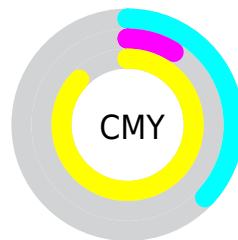


Cyan (31%)

Magenta (0%)

Yellow (86%)

Black (9%)



Cyan (37%)

Magenta (9%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0E720 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 A0E720 by changing the saturation by 10% instead.



 A0E720

 A0E720

FFFFFF

 83CB00

 DCFF64

 65AF00

 FAFF81

 479400

 FFFF9E

 267A00

 FFFFBC

 006000

 FFFFD9

 004800

 FFFFF7

 003100

 001800

 000000

 A0E720

 A0E720

 98E709

 A8E737

 95E700

 B0E74E

 B9E765

 C1E77C

 C9E793

 D1E7AB

 DAE7C2

 E2E7D9

 EAE7F0

# Harmonies

## Analogous

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



F7D000



A0E720



00F47A

# Triad

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



A0E720



00F0FF



FF76D2

# Complementary

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



A0E720



6720E7

# 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.



FF90FF



A0E720



00DCFF

# Square

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



A0E720



00F9FF



D4B9FF



FF877E

# Rectangle

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



A0E720



00F8B6



D4B9FF



FF7AEF

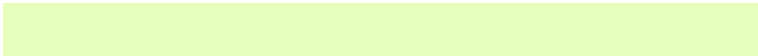


# Sweetspot

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



A0E720



E7FFBD



E76620



718058



000000



808080



# Same Dimension

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



A0E720



A4FF00



3EE720



6F7367



73B300



213300



# Inverse Universe

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



6720E7



5B00FF



C920E7



6B6773



4000B3

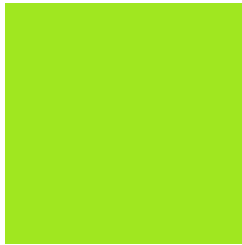


120033



# Previews

## White Background



This preview shows how the Hex color A0E720 looks on a white background.

## Color Contrast Check

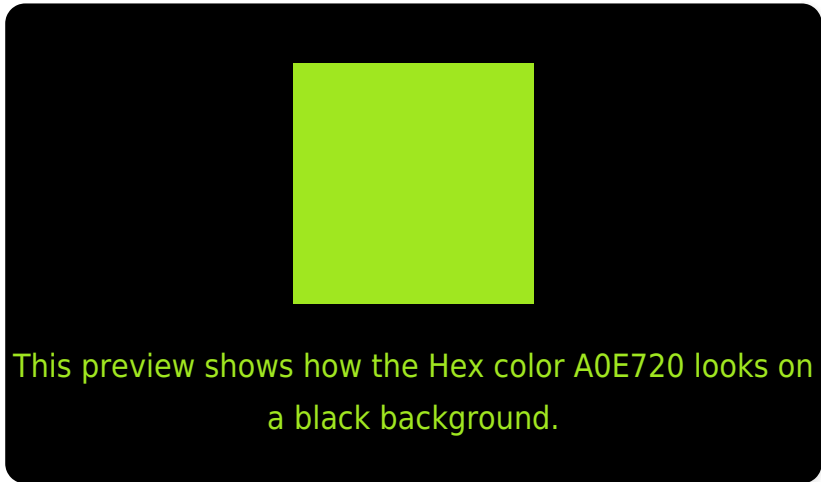
Large Text (above 18pt) WCAG AA × Fail

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 A0E720 Background



This preview shows how black text looks on a background with the Hex color A0E720.

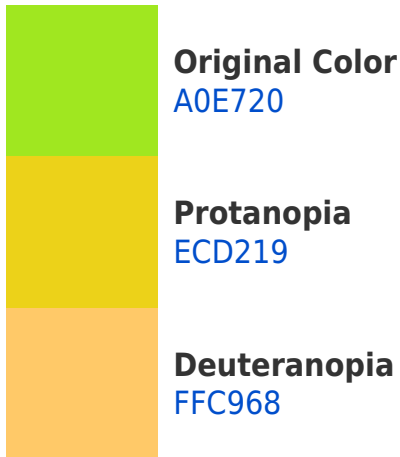


This preview shows how white text looks on a background with the Hex color A0E720.

# 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](#).

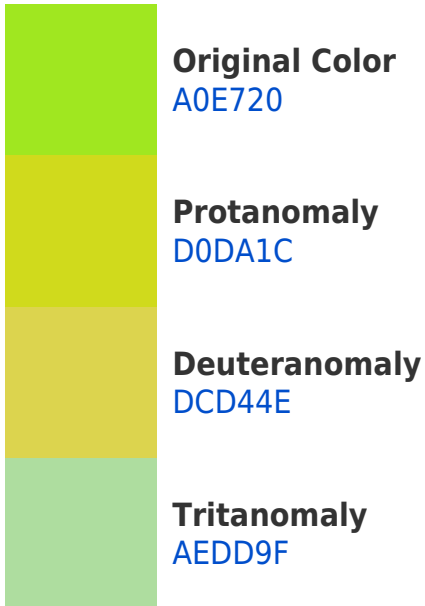
## Dichromacy



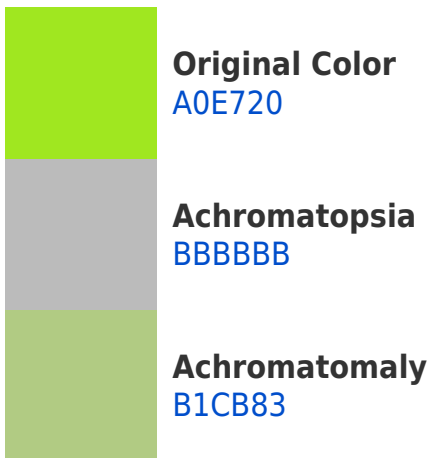


**Tritanopia**  
B6D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0E720 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 #A0E720 looks like.

```
.text, #text, p{  
    color:#A0E720  
}
```

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 #A0E720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0E720
}
```

## Border

The CSS property to change the border of an element to Hex A0E720 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
#A0E720 }
```

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

```
.border{ border-color:#A0E720 }
```

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

Here you see how a box with a 4 pixel #A0E720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0E720; -webkit-box-shadow:4px 4px  
4px 4px #A0E720; box-shadow:4px 4px 4px  
4px #A0E720 }
```

# Background

The CSS property to change the background color of an element to Hex A0E720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0E720 }
```

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

```
.background{ background-color:#A0E720 }
```

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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