

# Converting Colors

Hex(A0E145)

Have a look what the booklet for  
Hex(A0E145) contains.

<b>Hex(A0E145)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A0E145)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0E145
RGB	160, 225, 69
RGB Percent	63%, 88%, 27%
CMY	0.3725, 0.1176, 0.7294
CMYK	0.29, 0.00, 0.69, 0.12
HSL	85°, 72%, 58%
HSV	85°, 69%, 88%
XYZ	42.4966, 61.7537, 15.3101
YIQ	187.7810, 11.3360, -62.2960

# Conversions

## Conversions Part 2

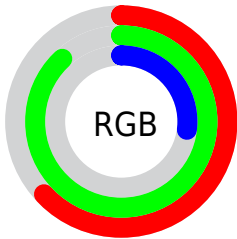
Format	Color
<a href="#">RYB</a>	69, 225, 134
Decimal	10543429
CIELab	82.78, -43.45, 66.31
CIELCh	83, 79.282, 123.235
Yxy	61.7537, 0.3554, 0.5165
Android (android.graphics.Color)	4288733509 (0xFFA0E145)
YUV	187.7810, -58.5590, -24.3639
Hunter-Lab	78.5835, -40.9914, 43.4573

# Details

The Hex color **A0E145** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **8645E1**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **DAFF7D**, and **67A900** is the 20% darker color. If you saturate the color by 10%, you get **97E12E**, and if you desaturate by 10%, it is **A9E15B**.

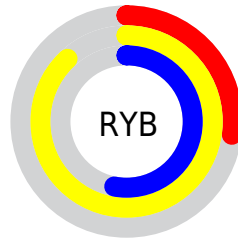
# Distribution



Red (63%)

Green (88%)

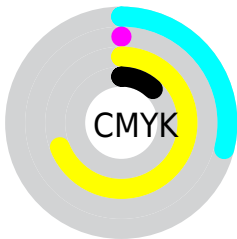
Blue (27%)



Red (27%)

Yellow (88%)

Blue (53%)

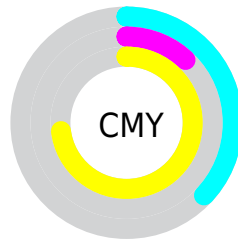


Cyan (29%)

Magenta (0%)

Yellow (69%)

Black (12%)



Cyan (37%)

Magenta (12%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0E145 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 A0E145 by changing the saturation by 10% instead.



 A0E145

 A0E145

FFFFFF

 83C526

 DAFF7D

 67A900

 F8FF9A

 4A8E00

 FFFFB6

 2C7400

 FFFFD3

 005B00

 FFFFF0

 004300

 002D00

 001100

 000000

 A0E145

 A0E145

 97E12E

 A9E15B

 8DE118

 B3E172

 84E101

 BCE188

 83E100

 C5E19F

 CFE1B5

 D8E1CC

 E2E1E3

 EBE1F9

 F4E1FF

# Harmonies

## Analogous

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



ECCD20



A0E145



00EC87

# Triad

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



A0E145



00E7FF



FF85C9

# Complementary

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



A0E145



8645E1

# 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.



FF96FF



A0E145



00D4FF

# Square

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



A0E145



00F0FF



D9B7FF



FF9381

# Rectangle

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



A0E145



00F0BA



D9B7FF



FF88E2

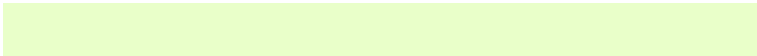


# Sweetspot

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



A0E145



E9FFC9



E18645



728060



000000



808080



# Same Dimension

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



A0E145



A7FF2B



52E145



6C7065



67B000



1C3000



# Inverse Universe

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



8645E1



842BFF



D445E1



6A6570



4900B0



140030



# Previews

## White Background



This preview shows how the Hex color A0E145 looks on a white background.

## Color Contrast Check

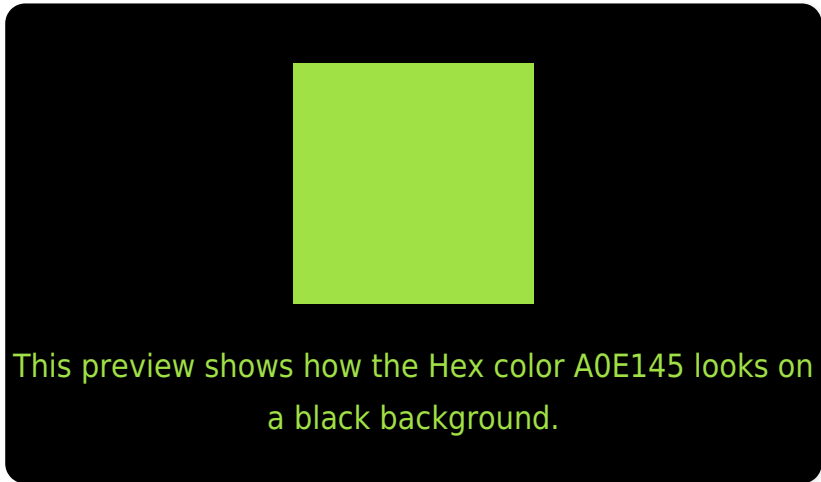
Large Text (above 18pt) WCAG AA × Fail

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 A0E145 Background



This preview shows how black text looks on a background with the Hex color A0E145.

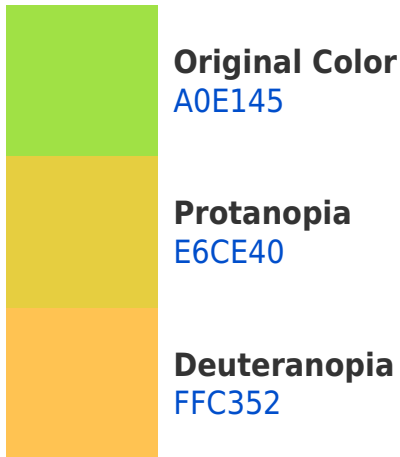


This preview shows how white text looks on a background with the Hex color A0E145.

# 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](#).

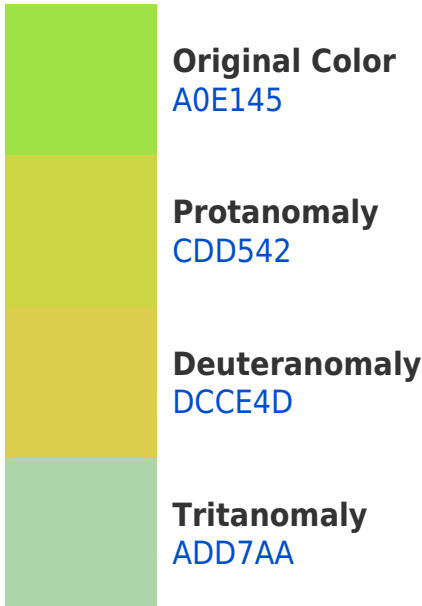
## Dichromacy



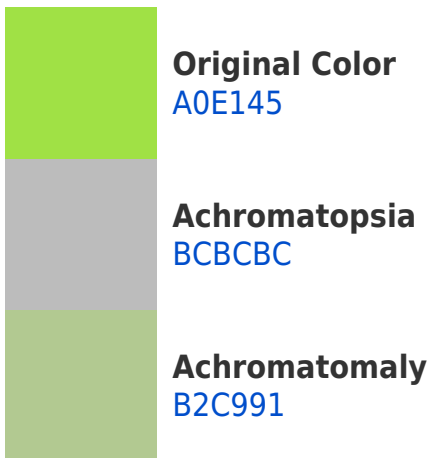


**Tritanopia**  
B4D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0E145 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 #A0E145 looks like.

```
.text, #text, p{  
    color:#A0E145  
}
```

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 #A0E145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0E145
}
```

## Border

The CSS property to change the border of an element to Hex A0E145 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
#A0E145 }
```

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

```
.border{ border-color:#A0E145 }
```

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

Here you see how a box with a 4 pixel #A0E145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0E145; -webkit-box-shadow:4px 4px  
4px 4px #A0E145; box-shadow:4px 4px 4px  
4px #A0E145 }
```

# Background

The CSS property to change the background color of an element to Hex A0E145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0E145 }
```

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

```
.background{ background-color:#A0E145 }
```

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