

# Converting Colors

Hex(A3EA70)

Have a look what the booklet for  
Hex(A3EA70) contains.

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# Color

Hex(A3EA70)

# Conversions

## Conversions Part 1

Format	Color
Hex	A3EA70
RGB	163, 234, 112
RGB Percent	64%, 92%, 44%
CMY	0.3608, 0.0824, 0.5608
CMYK	0.30, 0.00, 0.52, 0.08
HSL	95°, 74%, 68%
HSV	95°, 52%, 92%
XYZ	47.4517, 67.8020, 25.9154
YIQ	198.8630, -3.1540, -52.9940

# Conversions

## Conversions Part 2

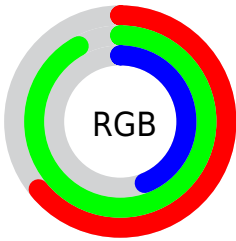
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 234, 183
Decimal	10742384
CIELab	85.91, -42.61, 51.76
CIELCh	86, 67.038, 129.460
Yxy	67.8020, 0.3361, 0.4803
Android (android.graphics.Color)	4288932464 (0xFFA3EA70)
YUV	198.8630, -42.8235, -31.4519
Hunter-Lab	82.3420, -41.2332, 38.9791

# Details

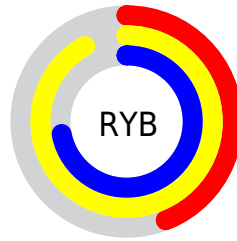
The Hex color **A3EA70** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B770EA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **DDFFA6**, and **6BB23B** is the 20% darker color. If you saturate the color by 10%, you get **95EA59**, and if you desaturate by 10%, it is **B1EA87**.

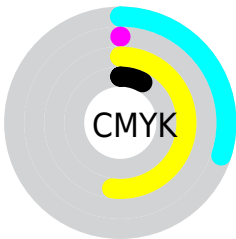
# Distribution



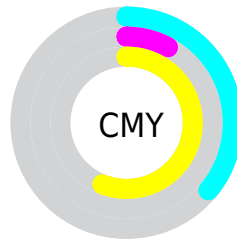
- Red (64%)
- Green (92%)
- Blue (44%)



- Red (44%)
- Yellow (92%)
- Blue (72%)



- Cyan (30%)
- Magenta (0%)
- Yellow (52%)
- Black (8%)



- Cyan (36%)
- Magenta (8%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3EA70 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 A3EA70 by changing the saturation by 10% instead.



 A3EA70

 A3EA70

FFFFFF

 87CE56

 DDFFA6

 6BB23B

 FAFFC2

 4F971F

 FFFFDF

 337C00

 FFFFFC

 106300

 004A00

 003300

 001D00

 000000

 A3EA70

 A3EA70

 95EA59

 B1EA87

 88EA41

 BEEA9F

 7AEA2A

 CCEAB6

 6DEA12

 D9EACE

 62EA00

 E7EAE5

 F5EAFC

 FFEAFF

# Harmonies

## Analogous

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



E8DA52



A3EA70



33F3A8

# Triad

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



A3EA70



00EAF7



FF9FC5

# Complementary

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



A3EA70



B770EA

# 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.



FFA7FF



A3EA70



88D7FF

# Square

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



A3EA70



00F4FF



F5BEFF



FFAC89

# Rectangle

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



A3EA70



00F6D4



F5BEFF



FF9FDB

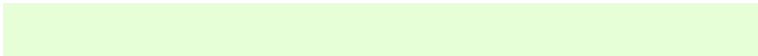


# Sweetspot

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



A3EA70



E7FFD6



EAB570



718067



000000



808080



# Same Dimension

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



A3EA70



A2FF5E



70EA78



6E756A



4CB500



163600



# Inverse Universe

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



B770EA



BC5EFF



EA70E2



706A75



6900B5



1F0036



# Previews

## White Background



This preview shows how the Hex color A3EA70 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



This preview shows how the Hex color A3EA70 looks on a 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 A3EA70 Background



This preview shows how black text looks on a background with the Hex color A3EA70.

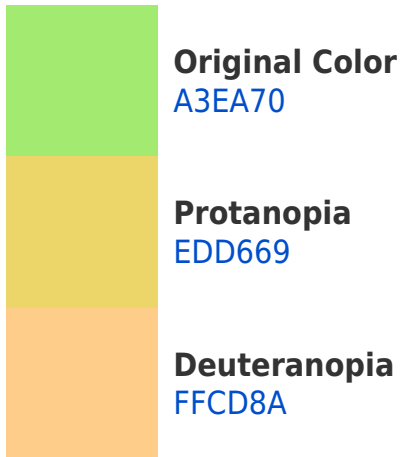


This preview shows how white text looks on a background with the Hex color A3EA70.

# 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





# Trichromacy



**Original Color**  
A3EA70



**Protanomaly**  
D2DD6C



**Deuteranomaly**  
DED881

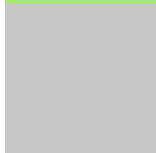


**Tritanomaly**  
AFE1C0

# Monochromacy



**Original Color**  
A3EA70



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
BAD4A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3EA70 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 #A3EA70 looks like.

```
.text, #text, p{  
    color:#A3EA70  
}
```

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 #A3EA70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3EA70
}
```

## Border

The CSS property to change the border of an element to Hex A3EA70 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
#A3EA70 }
```

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

```
.border{ border-color:#A3EA70 }
```

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

Here you see how a box with a 4 pixel #A3EA70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3EA70; -webkit-box-shadow:4px 4px  
4px 4px #A3EA70; box-shadow:4px 4px 4px  
4px #A3EA70 }
```

# Background

The CSS property to change the background color of an element to Hex A3EA70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3EA70 }
```

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

```
.background{ background-color:#A3EA70 }
```

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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