

# Converting Colors

Hex(A3E868)

Have a look what the booklet for  
Hex(A3E868) contains.

<b>Hex(A3E868)</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(A3E868)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3E868
RGB	163, 232, 104
RGB Percent	64%, 91%, 41%
CMY	0.3608, 0.0902, 0.5922
CMYK	0.30, 0.00, 0.55, 0.09
HSL	92°, 74%, 66%
HSV	92°, 55%, 91%
XYZ	46.4596, 66.4992, 23.4837
YIQ	196.7770, -0.0360, -54.4360

# Conversions

## Conversions Part 2

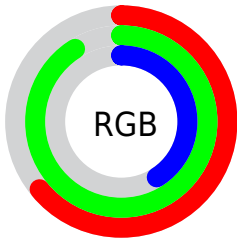
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 232, 173</a>
Decimal	<a href="#">10741864</a>
CIELab	<a href="#">85.25, -42.56, 54.63</a>
CIELCh	<a href="#">85, 69.250, 127.920</a>
Yxy	<a href="#">66.4992, 0.3405, 0.4874</a>
Android (android.graphics.Color)	<a href="#">4288931944 (0xFFA3E868)</a>
YUV	<a href="#">196.7770, -45.7391, -29.6224</a>
Hunter-Lab	<a href="#">81.5471, -41.0111, 40.0088</a>

# Details

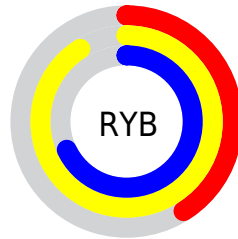
The Hex color **A3E868** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **AD68E8**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **Ddff9E**, and **6BB032** is the 20% darker color. If you saturate the color by 10%, you get **96E851**, and if you desaturate by 10%, it is **B0E87F**.

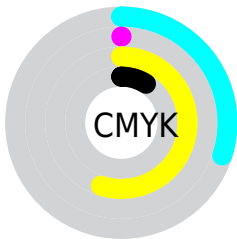
# Distribution



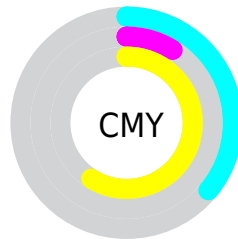
- Red (64%)
- Green (91%)
- Blue (41%)



- Red (41%)
- Yellow (91%)
- Blue (68%)



- Cyan (30%)
- Magenta (0%)
- Yellow (55%)
- Black (9%)



- Cyan (36%)
- Magenta (9%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3E868 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 A3E868 by changing the saturation by 10% instead.



 A3E868

 A3E868

FFFFFF

 87CC4D

 DDF99E

 6BB032

 FAFFBA

 4F9512

 FFFFD7

 327B00

 FFFFF4

 106100

 004900

 003100

 001B00

 000000

 A3E868

 A3E868

 96E851

 B0E87F

 8AE83A

 BCE896

 7DE822

 C9E8AE

 71E80B

 D5E8C5

 6BE800

 E2E8DC

 EEE8F3

 FBE8FF

 FFE8FF

# Harmonies

## Analogous

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



E9D74A



A3E868



2DF2A1

# Triad

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



A3E868



00E9FF



FF9AC6

# Complementary

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



A3E868



AD68E8

# 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.



FFA4FF



A3E868



78D6FF

# Square

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



A3E868



00F3FF



F0BCFF



FFA788

# Rectangle

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



A3E868



00F5CE



F0BCFF



FF9BDC

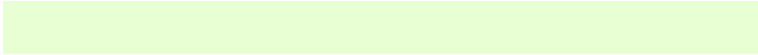


# Sweetspot

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



A3E868



E8FFD4



E8AC68



728066



000000



808080



# Same Dimension

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



A3E868



A4FF57



68E86C



6D7367



52B300



183300



# Inverse Universe

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



AD68E8



B157FF



E868E4



6D6773



6000B3

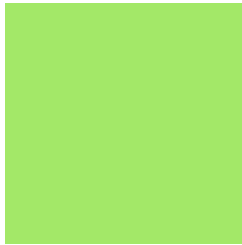


1B0033



# Previews

## White Background



This preview shows how the Hex color A3E868 looks on a white background.

## Color Contrast Check

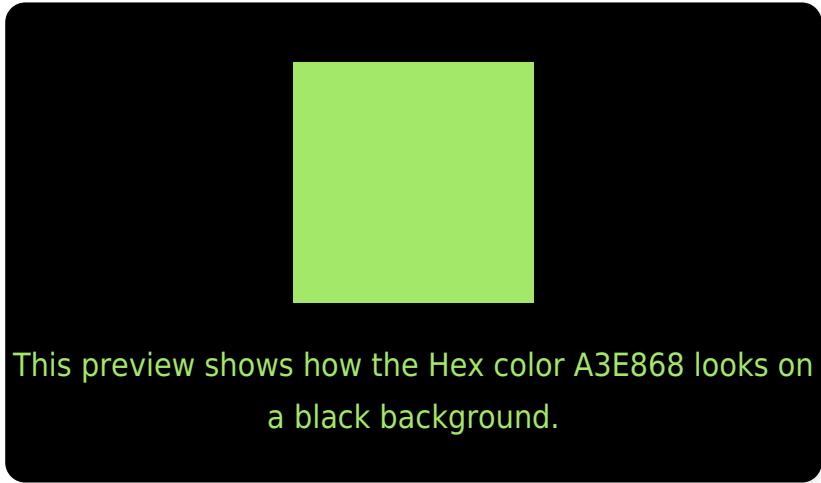
Large Text (above 18pt) WCAG AA × Fail

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 A3E868 Background



This preview shows how black text looks on a background with the Hex color A3E868.

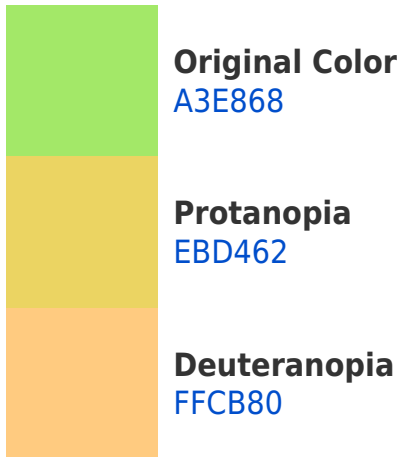


This preview shows how white text looks on a background with the Hex color A3E868.

# 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



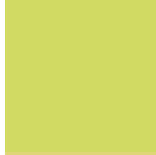


**Tritanopia**  
B6DAEB

# Trichromacy



**Original Color**  
A3E868



**Protanomaly**  
D1DB64



**Deuteranomaly**  
DED677



**Tritanomaly**  
AFDFBB

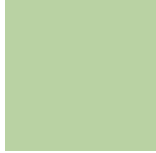
# Monochromacy



**Original Color**  
A3E868



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
B9D2A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3E868 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 #A3E868 looks like.

```
.text, #text, p{  
    color:#A3E868  
}
```

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 #A3E868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3E868
}
```

## Border

The CSS property to change the border of an element to Hex A3E868 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
#A3E868 }
```

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

```
.border{ border-color:#A3E868 }
```

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

Here you see how a box with a 4 pixel #A3E868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3E868; -webkit-box-shadow:4px 4px  
4px 4px #A3E868; box-shadow:4px 4px 4px  
4px #A3E868 }
```

# Background

The CSS property to change the background color of an element to Hex A3E868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3E868 }
```

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

```
.background{ background-color:#A3E868 }
```

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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