

# Converting Colors

Hex(A3E38A)

Have a look what the booklet for  
Hex(A3E38A) contains.

<b>Hex(A3E38A)</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(A3E38A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3E38A
RGB	163, 227, 138
RGB Percent	64%, 89%, 54%
CMY	0.3608, 0.1098, 0.4588
CMYK	0.28, 0.00, 0.39, 0.11
HSL	103°, 61%, 72%
HSV	103°, 39%, 89%
XYZ	47.1608, 64.5597, 34.0204
YIQ	197.7180, -9.5750, -41.2470

# Conversions

## Conversions Part 2

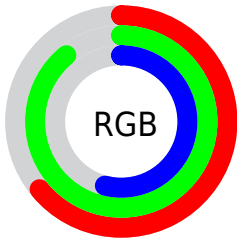
Format	Color
<a href="#">RYB</a>	<a href="#">138, 227, 202</a>
Decimal	<a href="#">10740618</a>
CIELab	<a href="#">84.26, -36.30, 37.14</a>
CIElCh	<a href="#">84, 51.936, 134.344</a>
Yxy	<a href="#">64.5597, 0.3236, 0.4430</a>
Android (android.graphics.Color)	<a href="#">4288930698 (0xFFA3E38A)</a>
YUV	<a href="#">197.7180, -29.4410, -30.4477</a>
Hunter-Lab	<a href="#">80.3490, -35.8404, 31.1405</a>

# Details

The Hex color **A3E38A** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **CA8AE3**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **DCFFC0**, and **6DAB57** is the 20% darker color. If you saturate the color by 10%, you get **93E373**, and if you desaturate by 10%, it is **B3E3A1**.

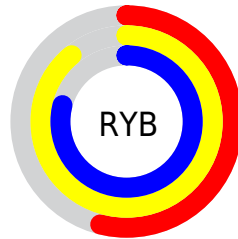
# Distribution



Red (64%)

Green (89%)

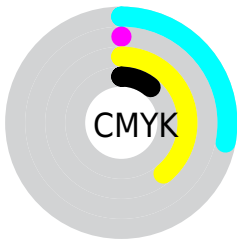
Blue (54%)



Red (54%)

Yellow (89%)

Blue (79%)

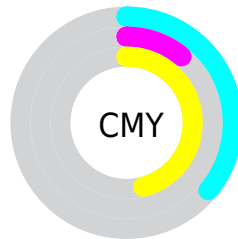


Cyan (28%)

Magenta (0%)

Yellow (39%)

Black (11%)



Cyan (36%)

Magenta (11%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3E38A 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 A3E38A by changing the saturation by 10% instead.



 A3E38A

 A3E38A

FFFFFF

 88C770

 DCFFC0

 6DAB57

 F9FFDD

 52903E

 FFFFF9

 387625

 1B5D0B

 004500

 002E00

 001700

 000000

 A3E38A

 A3E38A

 93E373

 B3E3A1

 82E35D

 C4E3B7

 72E346

 D4E3CE

 62E32F

 E4E3E5

 51E318

 F5E3FC

 41E302

 FFE3FF

 40E300

# Harmonies

## Analogous

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



DAD771



A3E38A



5DEAB6

# Triad

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



A3E38A



44DFFF



FFABBC

# Complementary

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



A3E38A



CA8AE3

# 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.



FFAEEE



A3E38A



AECFFF

# Square

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



A3E38A



00E8FF



F5BDF5



FFB590

# Rectangle

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



A3E38A



00ECD8



F5BDFF



FFAACD

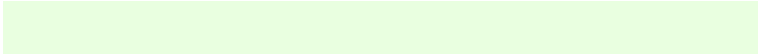


# Sweetspot

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



A3E38A



E9FFE0



E3CA8A



73806E



000000



808080

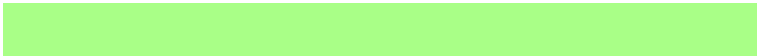


# Same Dimension

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



A3E38A



A9FF87



8AE39D



6A7367



32B300



0E3300



# Inverse Universe

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



CA8AE3



DD87FF



E38AD0



706773



8000B3



250033



# Previews

## White Background



This preview shows how the Hex color A3E38A 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 A3E38A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

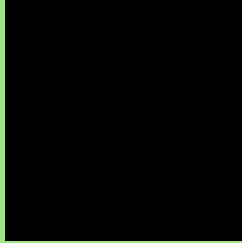
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3E38A Background



This preview shows how black text looks on a background with the Hex color A3E38A.

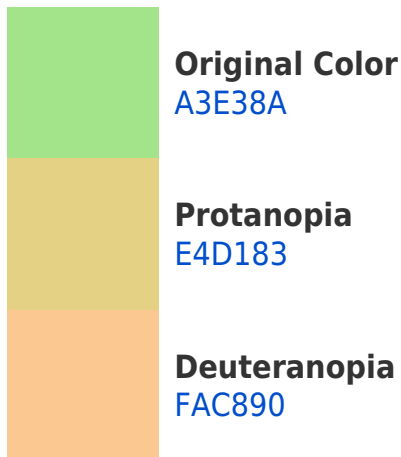


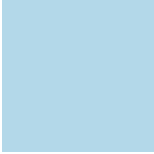
This preview shows how white text looks on a background with the Hex color A3E38A.

# 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**  
B3D8E9

# Trichromacy



**Original Color**  
A3E38A



**Protanomaly**  
CCD886



**Deuteranomaly**  
DAD28E



**Tritanomaly**  
ADDCC6

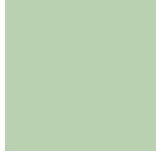
# Monochromacy



**Original Color**  
A3E38A



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
B9D1B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3E38A 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 #A3E38A looks like.

```
.text, #text, p{  
    color:#A3E38A  
}
```

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 #A3E38A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3E38A
}
```

## Border

The CSS property to change the border of an element to Hex A3E38A 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
#A3E38A }
```

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

```
.border{ border-color:#A3E38A }
```

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

Here you see how a box with a 4 pixel #A3E38A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3E38A; -webkit-box-shadow:4px 4px  
4px 4px #A3E38A; box-shadow:4px 4px 4px  
4px #A3E38A }
```

# Background

The CSS property to change the background color of an element to Hex A3E38A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3E38A }
```

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

```
.background{ background-color:#A3E38A }
```

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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