

# Converting Colors

Hex(A5EE8A)

Have a look what the booklet for  
Hex(A5EE8A) contains.

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# Color

**Hex(A5EE8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5EE8A
RGB	165, 238, 138
RGB Percent	65%, 93%, 54%
CMY	0.3529, 0.0667, 0.4588
CMYK	0.31, 0.00, 0.42, 0.07
HSL	104°, 75%, 74%
HSV	104°, 42%, 93%
XYZ	50.6790, 70.9834, 35.0749
YIQ	204.7730, -11.4080, -46.5760

# Conversions

## Conversions Part 2

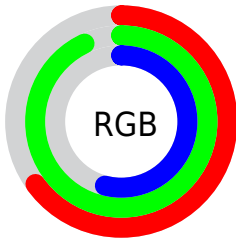
Format	Color
<b>RYB</b>	138, 238, 211
Decimal	10874506
CIELab	87.48, -40.58, 41.31
CIELCh	87, 57.902, 134.488
Yxy	70.9834, 0.3233, 0.4529
Android (android.graphics.Color)	4289064586 (0xFFA5EE8A)
YUV	204.7730, -32.9191, -34.8809
Hunter-Lab	84.2516, -40.0691, 34.2931

# Details

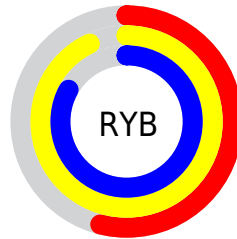
The Hex color **A5EE8A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D38AEE**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **DEFFC1**, and **6EB656** is the 20% darker color. If you saturate the color by 10%, you get **94EE72**, and if you desaturate by 10%, it is **B6EEA2**.

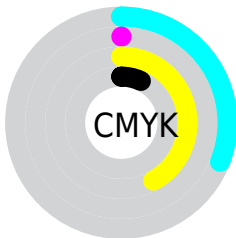
# Distribution



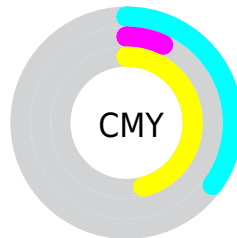
- Red (65%)
- Green (93%)
- Blue (54%)



- Red (54%)
- Yellow (93%)
- Blue (83%)



- Cyan (31%)
- Magenta (0%)
- Yellow (42%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5EE8A 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 A5EE8A by changing the saturation by 10% instead.



 A5EE8A

 A5EE8A

FFFFFF

 89D170

 DEFFC1

 6EB656

 FCFFDD

 539A3D

 FFFFFA

 378024

 186606

 004E00

 003600

 002100

 000000

 A5EE8A

 A5EE8A

 94EE72

 B6EEA2

 82EE5A

 C8EEBA

 71EE43

 D9EED1

 60EE2B

 EAEEE9

 4EEE13

 FCEEFF

 40EE00

 FFE EFF

# Harmonies

## Analogous

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



E3E16D



A5EE8A



50F6BC

# Triad

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



A5EE8A



0CE9FF



FFAEC2

# Complementary

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



A5EE8A



D38AEE

# 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.



FFB1FA



A5EE8A



B1D8FF

# Square

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



A5EE8A



00F4FF



FFC3FF



FFBA90

# Rectangle

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



A5EE8A



00F8E2



FFC3FF



FFADD5

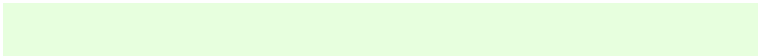


# Sweetspot

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



A5EE8A



E7FFDE



EED28A



71806B



000000



808080

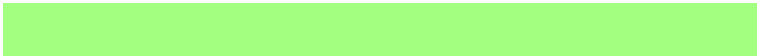


# Same Dimension

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



A5EE8A



A2FF80



8AEAA0



6F786C



32B800



0F3800



# Inverse Universe

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



D38AEE



DD80FF



EE8AD8



756C78



8600B8

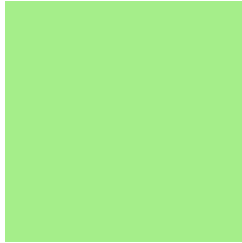


290038



# Previews

## White Background



This preview shows how the Hex color A5EE8A looks on a white background.

## Color Contrast Check

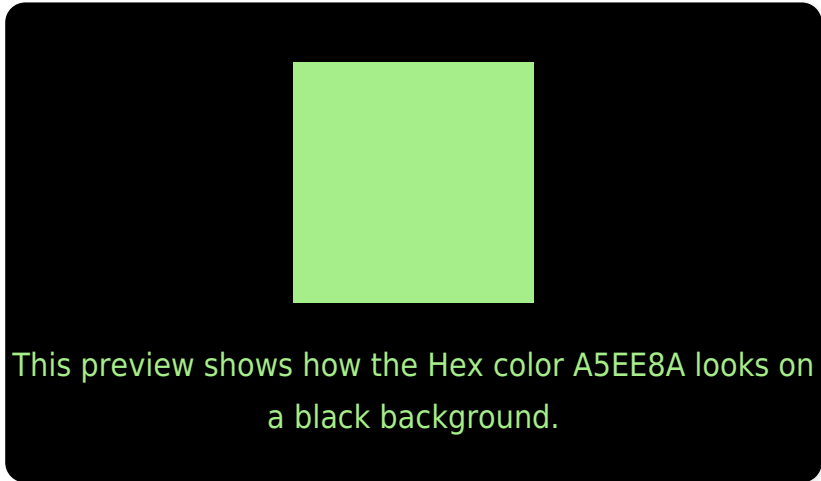
Large Text (above 18pt) WCAG AA × Fail

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

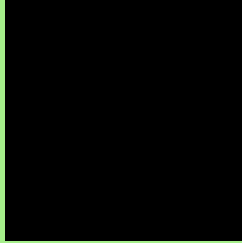
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5EE8A Background



This preview shows how black text looks on a background with the Hex color A5EE8A.

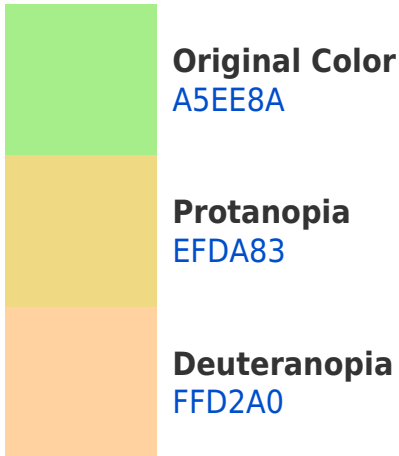


This preview shows how white text looks on a background with the Hex color A5EE8A.

# 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



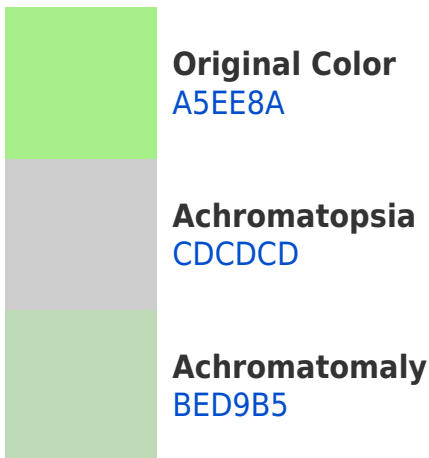


**Tritanopia**  
B7E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5EE8A 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 #A5EE8A looks like.

```
.text, #text, p{  
    color:#A5EE8A  
}
```

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 #A5EE8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5EE8A
}
```

## Border

The CSS property to change the border of an element to Hex A5EE8A 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
#A5EE8A }
```

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

```
.border{ border-color:#A5EE8A }
```

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

Here you see how a box with a 4 pixel #A5EE8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5EE8A; -webkit-box-shadow:4px 4px  
4px 4px #A5EE8A; box-shadow:4px 4px 4px  
4px #A5EE8A }
```

# Background

The CSS property to change the background color of an element to Hex A5EE8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5EE8A }
```

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

```
.background{ background-color:#A5EE8A }
```

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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