

# Converting Colors

Hex(A5E0A8)

Have a look what the booklet for  
Hex(A5E0A8) contains.

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# **Color**

**Hex(A5E0A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5E0A8
RGB	165, 224, 168
RGB Percent	65%, 88%, 66%
CMY	0.3529, 0.1216, 0.3412
CMYK	0.26, 0.00, 0.25, 0.12
HSL	123°, 49%, 76%
HSV	123°, 26%, 88%
XYZ	49.2406, 64.1378, 46.8304
YIQ	199.9750, -17.1880, -29.9240

# Conversions

## Conversions Part 2

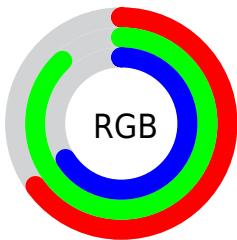
Format	Color
<a href="#">RYB</a>	<a href="#">165, 221, 224</a>
Decimal	<a href="#">10870952</a>
CIELab	<a href="#">84.04, -29.62, 21.51</a>
CIElCh	<a href="#">84, 36.608, 144.015</a>
Yxy	<a href="#">64.1378, 0.3074, 0.4003</a>
Android (android.graphics.Color)	<a href="#">4289061032 (0xFFA5E0A8)</a>
YUV	<a href="#">199.9750, -15.7637, -30.6731</a>
Hunter-Lab	<a href="#">80.0861, -30.4007, 21.3904</a>

# Details

The Hex color **A5E0A8** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E0A5DD**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **DDFFDF**, and **70A874** is the 20% darker color. If you saturate the color by 10%, you get **8FE093**, and if you desaturate by 10%, it is **BBE0BD**.

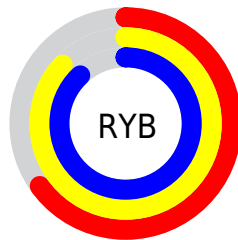
# Distribution



Red (65%)

Green (88%)

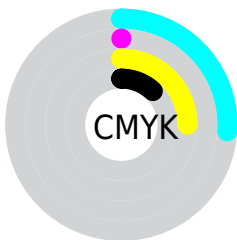
Blue (66%)



Red (65%)

Yellow (87%)

Blue (88%)

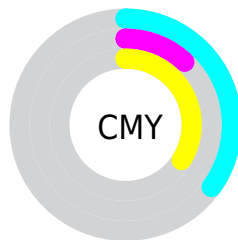


Cyan (26%)

Magenta (0%)

Yellow (25%)

Black (12%)



Cyan (35%)

Magenta (12%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5E0A8 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 A5E0A8 by changing the saturation by 10% instead.



 A5E0A8

 A5E0A8

FFFFFF

 8AC48D

 DDFDFD

 70A874

 FAFFFC

 568E5B

 3D7443

 235B2C

 054316

 002C00

 001700

 000000

 A5E0A8

 A5E0A8

 8FE093

 BBE0BD

 78E07D

 D2E0D3

 62E068

 E8E0E8

 4BE053

 FFE0FD

 35E03E

 FFE0FF

 1FE028

 08E013

 00E00B

# Harmonies

## Analogous

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



CDD892



A5E0A8



7DE4C9

# Triad

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



A5E0A8



99D7FF



FFB9B7

# Complementary

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



A5E0A8



E0A5DD

# 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.



FFB8DA



A5E0A8



CDCBFF

# Square

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



A5E0A8



6BE0FF



F7BFFB



FFC19B

# Rectangle

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



A5E0A8



67E5E1



F7BFFB



FFB8C2

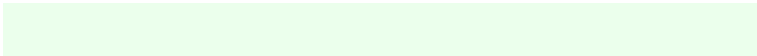


# Sweetspot

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



A5E0A8



EBFFEC



DDE0A5



738073



000000



808080

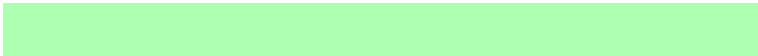


# Same Dimension

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



A5E0A8



ADFFB2



A5E0C5



657066



00B009



003002



# Inverse Universe

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



E0A5DD



FFADFB



E0A5C0



706570



B000A7

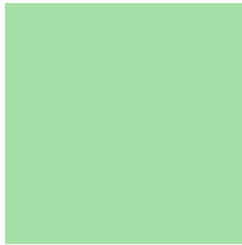


30002E



# Previews

## White Background



This preview shows how the Hex color A5E0A8 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 A5E0A8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

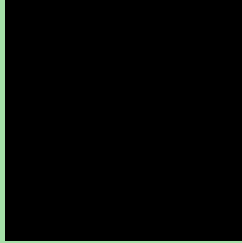
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

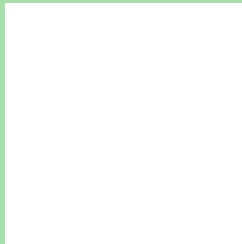
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A5E0A8 Background



This preview shows how black text looks on a background with the Hex color A5E0A8.

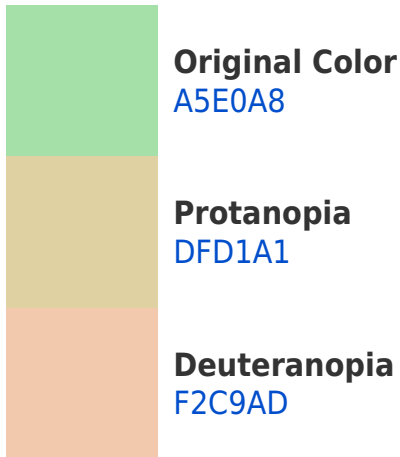


This preview shows how white text looks on a background with the Hex color A5E0A8.

# 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**  
B1D7E9

# Trichromacy



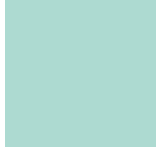
**Original Color**  
A5E0A8



**Protanomaly**  
CAD6A4



**Deuteranomaly**  
D6D1AB



**Tritanomaly**  
ADDAD1

# Monochromacy



**Original Color**  
A5E0A8



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
BBD1BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5E0A8 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 #A5E0A8 looks like.

```
.text, #text, p{  
    color:#A5E0A8  
}
```

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 #A5E0A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5E0A8
}
```

## Border

The CSS property to change the border of an element to Hex A5E0A8 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
#A5E0A8 }
```

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

```
.border{ border-color:#A5E0A8 }
```

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

Here you see how a box with a 4 pixel #A5E0A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5E0A8; -webkit-box-shadow:4px 4px  
4px 4px #A5E0A8; box-shadow:4px 4px 4px  
4px #A5E0A8 }
```

# Background

The CSS property to change the background color of an element to Hex A5E0A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5E0A8 }
```

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

```
.background{ background-color:#A5E0A8 }
```

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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