

# Converting Colors

Hex(A5EA9A)

Have a look what the booklet for  
Hex(A5EA9A) contains.

<b>Hex(A5EA9A)</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(A5EA9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5EA9A
RGB	165, 234, 154
RGB Percent	65%, 92%, 60%
CMY	0.3529, 0.0824, 0.3961
CMYK	0.29, 0.00, 0.34, 0.08
HSL	112°, 66%, 76%
HSV	112°, 34%, 92%
XYZ	50.7726, 69.1781, 41.2486
YIQ	204.2490, -15.4440, -39.5080

# Conversions

## Conversions Part 2

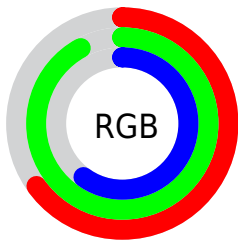
Format	Color
<a href="#">RYB</a>	<a href="#">154, 234, 223</a>
Decimal	<a href="#">10873498</a>
CIELab	<a href="#">86.59, -36.51, 32.17</a>
CIELCh	<a href="#">87, 48.661, 138.619</a>
Yxy	<a href="#">69.1781, 0.3150, 0.4291</a>
Android (android.graphics.Color)	<a href="#">4289063578 (0xFFA5EA9A)</a>
YUV	<a href="#">204.2490, -24.7728, -34.4214</a>
Hunter-Lab	<a href="#">83.1734, -36.5893, 28.8174</a>

# Details

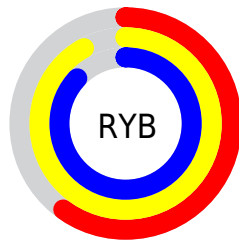
The Hex color **A5EA9A** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **DF9AEA**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **DEFFD1**, and **6FB266** is the 20% darker color. If you saturate the color by 10%, you get **91EA83**, and if you desaturate by 10%, it is **B9EAB1**.

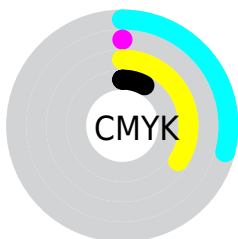
# Distribution



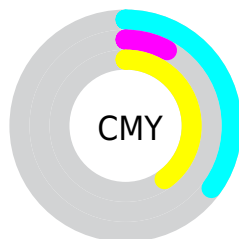
- Red (65%)
- Green (92%)
- Blue (60%)



- Red (60%)
- Yellow (92%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (34%)
- Black (8%)



- Cyan (35%)
- Magenta (8%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5EA9A 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 A5EA9A by changing the saturation by 10% instead.



 A5EA9A

 A5EA9A

FFFFFF

 8ACE80

 DEFFD1

 6FB266

 FBFFED

 54974D

 3A7D35

 1E631E

 004B04

 003300

 001F00

 000000

 A5EA9A

 A5EA9A

 91EA83

 B9EAB1

 7DEA6B

 CDEAC9

 68EA54

 E2EAE0

 54EA3C

 F6EAF8

 40EA25

 FFEAFF

 2CEA0E

 20EA00

# Harmonies

## Analogous

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



DADF7F



A5EA9A



66F0C5

# Triad

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



A5EA9A



70E3FF



FFB5BE

# Complementary

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



A5EA9A



DF9AEA

# 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.



FFB6EC



A5EA9A



C3D3FF

# Square

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



A5EA9A



00EDFF



FFC2FF



FFC095

# Rectangle

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



A5EA9A



28F1E5



FFC2FF



FFB4CD



# Sweetspot

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



A5EA9A



E9FFE6



EADE9A



728070



000000



808080

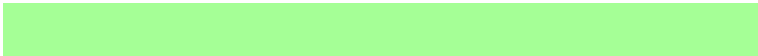


# Same Dimension

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



A5EA9A



A5FF96



9AEAB6



6B756A



19B500



073600



# Inverse Universe

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



DF9AEA



F196FF



EA9ACE



746A75



9C00B5

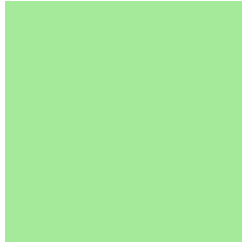


2E0036



# Previews

## White Background



This preview shows how the Hex color A5EA9A 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 A5EA9A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

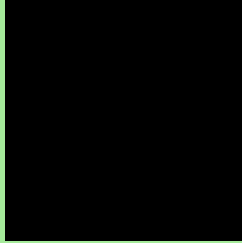
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5EA9A Background



This preview shows how black text looks on a background with the Hex color A5EA9A.

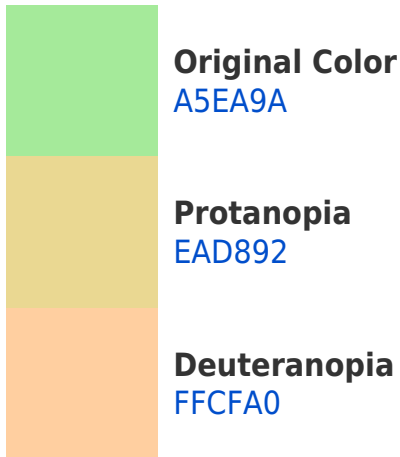


This preview shows how white text looks on a background with the Hex color A5EA9A.

# 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](#).

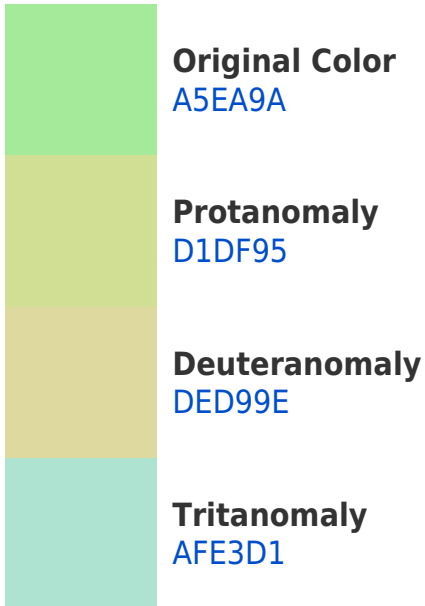
## Dichromacy



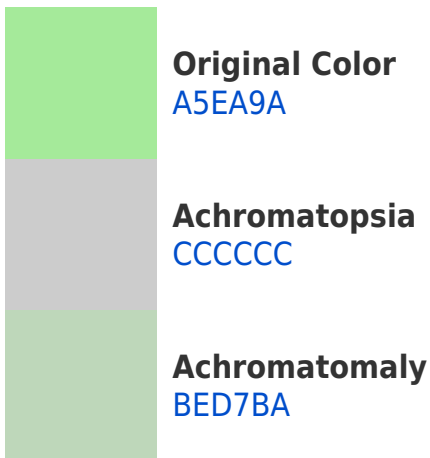


**Tritanopia**  
B4DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5EA9A 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 #A5EA9A looks like.

```
.text, #text, p{  
    color:#A5EA9A  
}
```

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 #A5EA9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5EA9A
}
```

## Border

The CSS property to change the border of an element to Hex A5EA9A 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
#A5EA9A }
```

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

```
.border{ border-color:#A5EA9A }
```

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

Here you see how a box with a 4 pixel #A5EA9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5EA9A; -webkit-box-shadow:4px 4px  
4px 4px #A5EA9A; box-shadow:4px 4px 4px  
4px #A5EA9A }
```

# Background

The CSS property to change the background color of an element to Hex A5EA9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5EA9A }
```

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

```
.background{ background-color:#A5EA9A }
```

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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