

# Converting Colors

Hex(A1E097)

Have a look what the booklet for  
Hex(A1E097) contains.

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# **Color**

**Hex(A1E097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1E097
RGB	161, 224, 151
RGB Percent	63%, 88%, 59%
CMY	0.3686, 0.1216, 0.4078
CMYK	0.28, 0.00, 0.33, 0.12
HSL	112°, 54%, 74%
HSV	112°, 33%, 88%
XYZ	46.9395, 63.1227, 38.9881
YIQ	196.8410, -14.1150, -36.0590

# Conversions

## Conversions Part 2

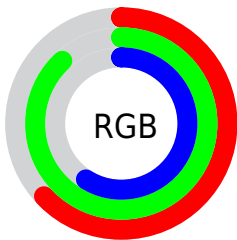
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 224, 214
Decimal	10608791
CIELab	83.51, -33.69, 29.54
CIElCh	84, 44.809, 138.754
Yxy	63.1227, 0.3149, 0.4235
Android (android.graphics.Color)	4288798871 (0xFFA1E097)
YUV	196.8410, -22.5996, -31.4326
Hunter-Lab	79.4498, -33.5781, 26.5197

# Details

The Hex color **A1E097** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D697E0**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D9FFCE**, and **6BA863** is the 20% darker color. If you saturate the color by 10%, you get **8EE081**, and if you desaturate by 10%, it is **B4E0AD**.

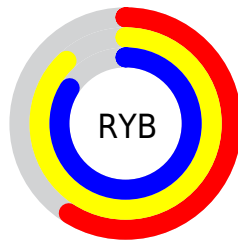
# Distribution



Red (63%)

Green (88%)

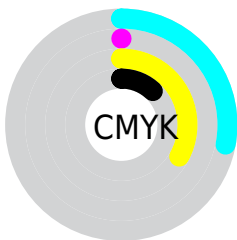
Blue (59%)



Red (59%)

Yellow (88%)

Blue (84%)

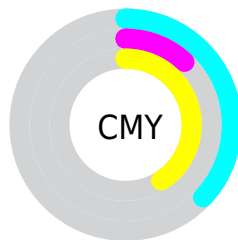


Cyan (28%)

Magenta (0%)

Yellow (33%)

Black (12%)



Cyan (37%)

Magenta (12%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1E097 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 A1E097 by changing the saturation by 10% instead.



 A1E097

 A1E097

FFFFFF

 86C47D

 D9FFCE

 6BA863

 F6FFEA

 518E4B

 377433

 1C5B1C

 004304

 002C00

 001500

 000000

 A1E097

 A1E097

 8EE081

 B4E0AD

 7AE06A

 C8E0C4

 67E054

 DBE0DA

 54E03D

 EEE0F1

 40E027

 FFE0FF

 2DE011

 1FE000

# Harmonies

## Analogous

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



D1D67F



A1E097



69E6BE

# Triad

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



A1E097



75D9FF



FFB0B7

# Complementary

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



A1E097



D697E0

# 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.



FFB1E2



A1E097



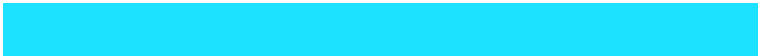
BDCBFF

# Square

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



A1E097



1DE2FF



F5BCFF



FFBA92

# Rectangle

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



A1E097



3DE7DB



F5BCFF



FFAFC5

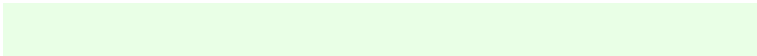


# Sweetspot

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



A1E097



E9FFE6



E0D597



728070



000000



808080

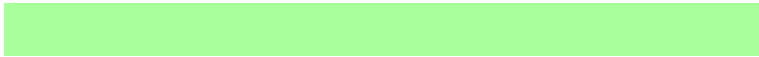


# Same Dimension

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



A1E097



A9FF9C



97E0B1



677065



18B000



073000



# Inverse Universe

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



D697E0



F19CFF



E097C6



6F6570



9800B0

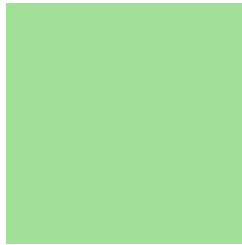


2A0030



# Previews

## White Background



This preview shows how the Hex color A1E097 looks on a white background.

## Color Contrast Check

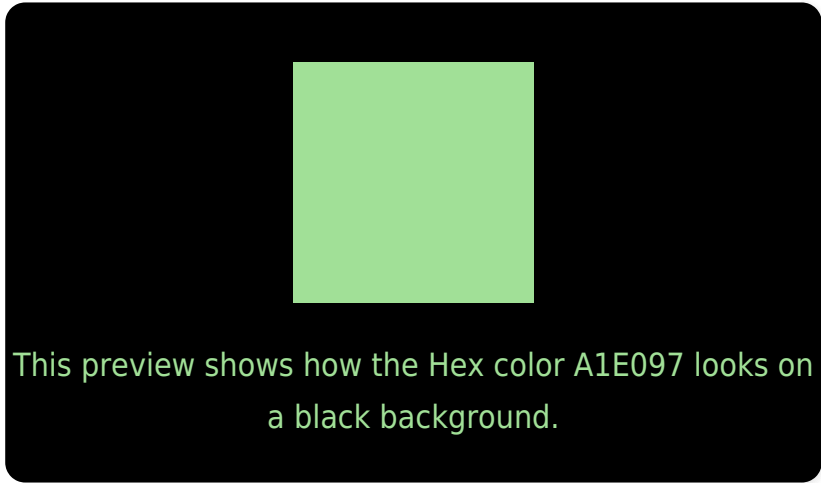
Large Text (above 18pt) WCAG AA × Fail

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 A1E097 Background



This preview shows how black text looks on a background with the Hex color A1E097.

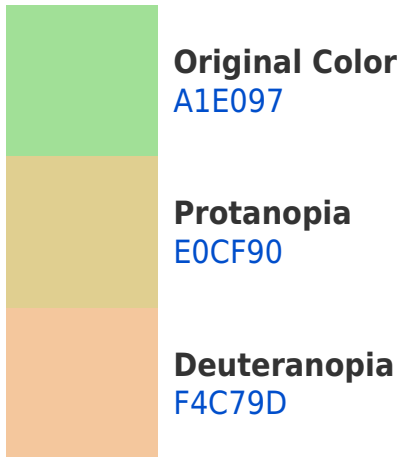


This preview shows how white text looks on a background with the Hex color A1E097.

# 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



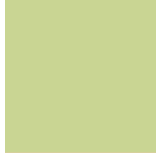


# Trichromacy



**Original Color**

A1E097



**Protanomaly**

C9D593



**Deuteranomaly**

D6D09B



**Tritanomaly**

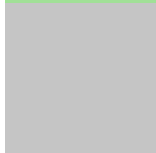
AADACA

# Monochromacy



**Original Color**

A1E097



**Achromatopsia**

C5C5C5



**Achromatomaly**

B8CFB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1E097 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 #A1E097 looks like.

```
.text, #text, p{  
    color:#A1E097  
}
```

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 #A1E097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1E097  
}
```

## Border

The CSS property to change the border of an element to Hex A1E097 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  
#A1E097 }
```

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

```
.border{ border-color:#A1E097 }
```

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

Here you see how a box with a 4 pixel #A1E097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1E097; -webkit-box-shadow:4px 4px  
4px 4px #A1E097; box-shadow:4px 4px 4px  
4px #A1E097 }
```

# Background

The CSS property to change the background color of an element to Hex A1E097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1E097 }
```

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

```
.background{ background-color:#A1E097 }
```

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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