

# Converting Colors

Hex(A6EE97)

Have a look what the booklet for  
Hex(A6EE97) contains.

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**Color**

**Hex(A6EE97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6EE97
RGB	166, 238, 151
RGB Percent	65%, 93%, 59%
CMY	0.3490, 0.0667, 0.4078
CMYK	0.30, 0.00, 0.37, 0.07
HSL	110°, 72%, 76%
HSV	110°, 37%, 93%
XYZ	51.8863, 71.4904, 40.3425
YIQ	206.5540, -14.9850, -42.3210

# Conversions

## Conversions Part 2

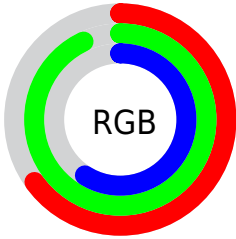
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 238, 223
Decimal	10940055
CIELab	87.72, -38.44, 35.18
CIELCh	88, 52.112, 137.532
Yxy	71.4904, 0.3169, 0.4367
Android (android.graphics.Color)	4289130135 (0xFFA6EE97)
YUV	206.5540, -27.3881, -35.5659
Hunter-Lab	84.5520, -38.4274, 30.8972

# Details

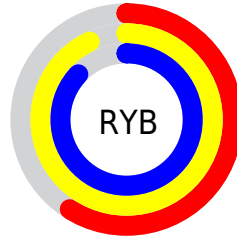
The Hex color **A6EE97** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **DF97EE**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **DFFFCE**, and **6FB663** is the 20% darker color. If you saturate the color by 10%, you get **92EE7F**, and if you desaturate by 10%, it is **BAEEAF**.

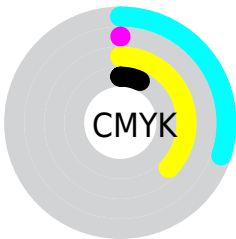
# Distribution



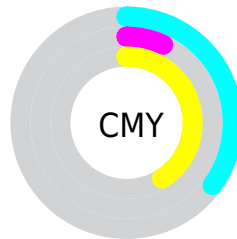
- Red (65%)
- Green (93%)
- Blue (59%)



- Red (59%)
- Yellow (93%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (37%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6EE97 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 A6EE97 by changing the saturation by 10% instead.



 A6EE97

 A6EE97

FFFFFF

 8AD17D

 DFFFCE

 6FB663

 FCFFEA

 549A4A

 3A8032

 1C671A

 004E00

 003600

 002200

 000000

 A6EE97

 A6EE97

 92EE7F

 BAEEAF

 7FEE67

 CDEEC7

 6BEE50

 E1EEDE

 57EE38

 F5EEF6

 44EE20

 FFEEFF

 30EE08

 29EE00

# Harmonies

## Analogous

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



DEE27B



A6EE97



5FF5C5

# Triad

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



A6EE97



61E7FF



FFB5C1

# Complementary

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



A6EE97



DF97EE

# 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.



FFB6F3



A6EE97



C1D7FF

# Square

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



A6EE97



00F2FF



FFC4FF



FFC195

# Rectangle

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



A6EE97



00F6E7



FFC4FF



FFB4D1

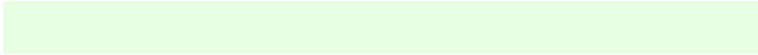


# Sweetspot

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



A6EE97



E8FFE3



EEDE97



72806F



000000



808080



# Same Dimension

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



A6EE97



A2FF8F



97EEB3



6E786C



20B800



0A3800



# Inverse Universe

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



DF97EE



EC8FFF



EE97D2



766C78



9800B8

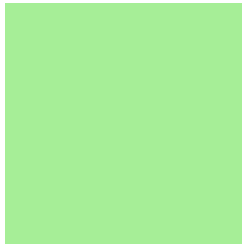


2E0038



# Previews

## White Background



This preview shows how the Hex color A6EE97 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 A6EE97 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

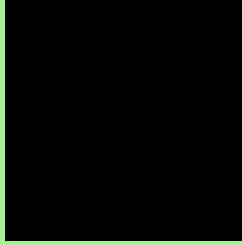
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6EE97 Background



This preview shows how black text looks on a background with the Hex color A6EE97.

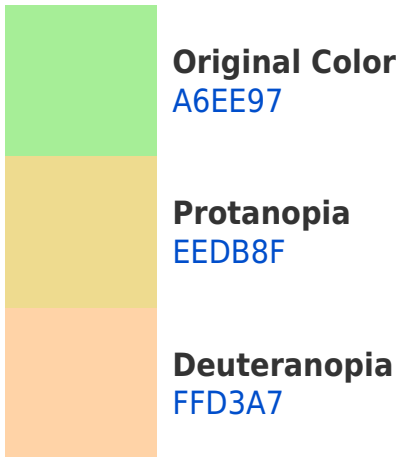


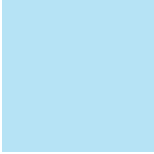
This preview shows how white text looks on a background with the Hex color A6EE97.

# 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



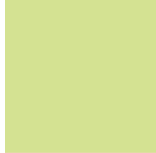


**Tritanopia**  
B6E3F5

# Trichromacy



**Original Color**  
A6EE97



**Protanomaly**  
D4E292



**Deuteranomaly**  
DFDDA1

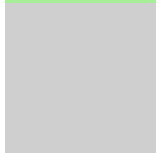


**Tritanomaly**  
B0E7D3

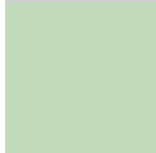
# Monochromacy



**Original Color**  
A6EE97



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
C0DABB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6EE97 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 #A6EE97 looks like.

```
.text, #text, p{  
    color:#A6EE97  
}
```

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 #A6EE97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6EE97
}
```

## Border

The CSS property to change the border of an element to Hex A6EE97 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
#A6EE97 }
```

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

```
.border{ border-color:#A6EE97 }
```

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

Here you see how a box with a 4 pixel #A6EE97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6EE97; -webkit-box-shadow:4px 4px  
4px 4px #A6EE97; box-shadow:4px 4px 4px  
4px #A6EE97 }
```

# Background

The CSS property to change the background color of an element to Hex A6EE97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6EE97 }
```

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

```
.background{ background-color:#A6EE97 }
```

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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