

# Converting Colors

Hex(A3ECB5)

Have a look what the booklet for  
Hex(A3ECB5) contains.

<b>Hex(A3ECB5)</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(A3ECB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3ECB5
RGB	163, 236, 181
RGB Percent	64%, 93%, 71%
CMY	0.3608, 0.0745, 0.2902
CMYK	0.31, 0.00, 0.23, 0.07
HSL	135°, 66%, 78%
HSV	135°, 31%, 93%
XYZ	53.4402, 71.1136, 54.6258
YIQ	207.9030, -25.8530, -32.5810

# Conversions

## Conversions Part 2

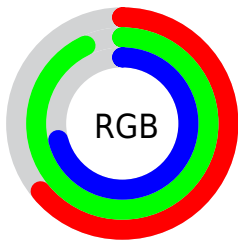
Format	Color
<a href="#">RYB</a>	<a href="#">163, 222, 236</a>
Decimal	<a href="#">10742965</a>
CIELab	<a href="#">87.54, -33.61, 19.60</a>
CIELCh	<a href="#">88, 38.910, 149.756</a>
Yxy	<a href="#">71.1136, 0.2982, 0.3969</a>
Android (android.graphics.Color)	<a href="#">4288933045 (0xFFA3ECB5)</a>
YUV	<a href="#">207.9030, -13.2632, -39.3799</a>
Hunter-Lab	<a href="#">84.3289, -34.4581, 20.6239</a>

# Details

The Hex color **A3ECB5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **ECA3DA**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **DBFFED**, and **6DB480** is the 20% darker color. If you saturate the color by 10%, you get **8BECA3**, and if you desaturate by 10%, it is **BBECC7**.

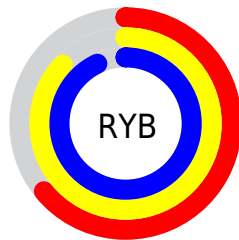
# Distribution



Red (64%)

Green (93%)

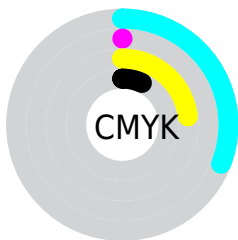
Blue (71%)



Red (64%)

Yellow (87%)

Blue (93%)

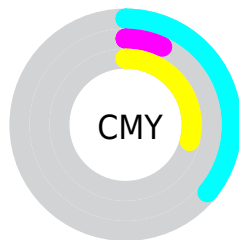


Cyan (31%)

Magenta (0%)

Yellow (23%)

Black (7%)



Cyan (36%)

Magenta (7%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3ECB5 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 A3ECB5 by changing the saturation by 10% instead.



 A3ECB5

 A3ECB5

FFFFFF

 88D09A

 DBFFED

 6DB480

 F9FFFF

 529967

 387E4E

 1C6537

 004C21

 00350C

 002200

 000000

 A3ECB5

 A3ECB5

 8BECA3

 BBECC7

 74EC91

 D2ECD9

 5CEC80

 EAECEA

 45EC6E

 FFECFC

 2DEC5C

 FFECFF

 15EC4A

 00EC3A

# Harmonies

## Analogous

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



CEE49A



A3ECB5



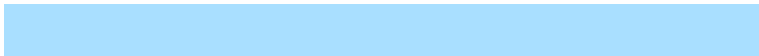
78F0DA

# Triad

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



A3ECB5



A9DFFF



FFC2B9

# Complementary

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



A3ECB5



ECA3DA

# 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.



FFC0DD



A3ECB5



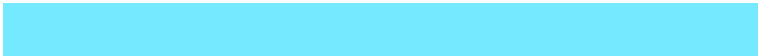
E0D2FF

# Square

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



A3ECB5



74E9FF



FFC6FF



FFCC9D

# Rectangle

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



A3ECB5



62EFF3



FFC6FF



FFC0C4

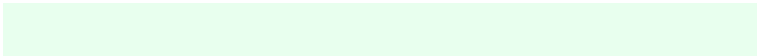


# Sweetspot

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



A3ECB5



E8FFEE



DBECA3



718075



000000



808080

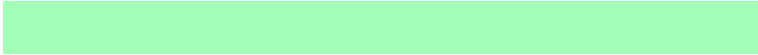


# Same Dimension

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



A3ECB5



A1FFB8



A3ECD9



6A756C



00B52D



00360D



# Inverse Universe

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



ECA3DA



FFA1E8



ECA3B6



756A72



B50088

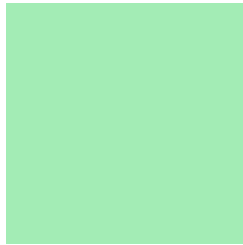


360028



# Previews

## White Background



This preview shows how the Hex color A3ECB5 looks on a white background.

## Color Contrast Check

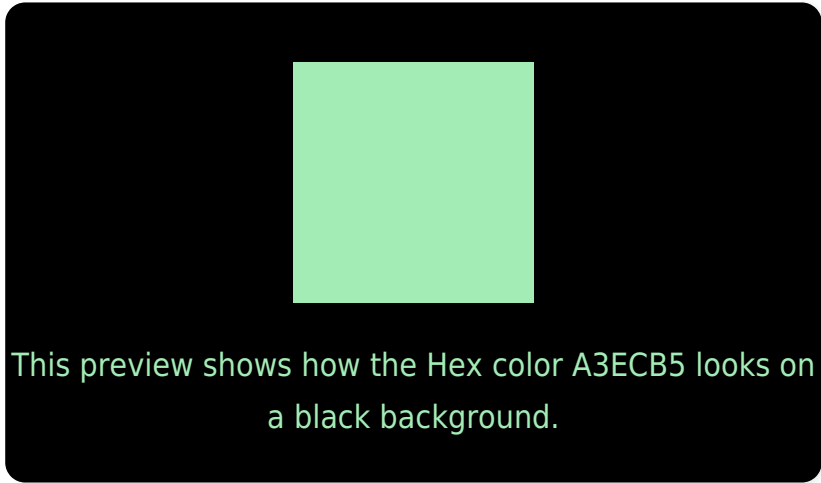
Large Text (above 18pt) WCAG AA × Fail

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

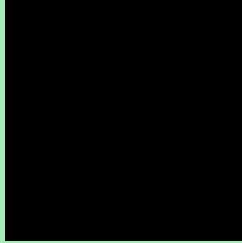
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3ECB5 Background



This preview shows how black text looks on a background with the Hex color A3ECB5.

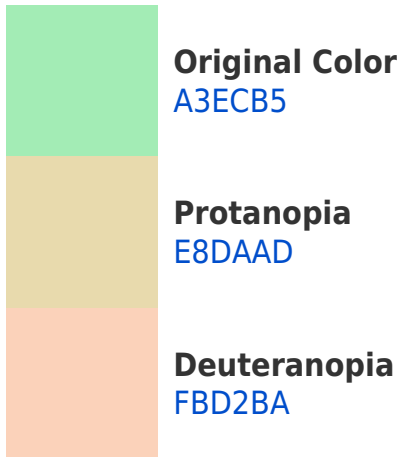


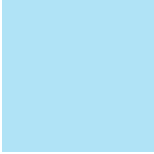
This preview shows how white text looks on a background with the Hex color A3ECB5.

# 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



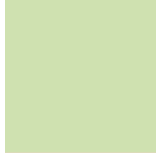


**Tritanopia**  
B0E3F6

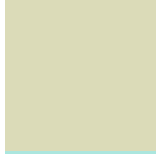
# Trichromacy



**Original Color**  
A3ECB5



**Protanomaly**  
CFE1B0

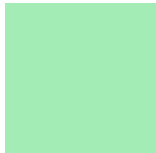


**Deuteranomaly**  
DBDBB8

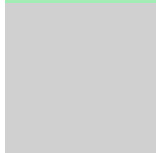


**Tritanomaly**  
ABE6DE

# Monochromacy



**Original Color**  
A3ECB5



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
C0DAC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3ECB5 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 #A3ECB5 looks like.

```
.text, #text, p{  
    color:#A3ECB5  
}
```

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 #A3ECB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3ECB5  
}
```

## Border

The CSS property to change the border of an element to Hex A3ECB5 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  
#A3ECB5 }
```

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

```
.border{ border-color:#A3ECB5 }
```

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

Here you see how a box with a 4 pixel #A3ECB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3ECB5; -webkit-box-shadow:4px 4px  
4px 4px #A3ECB5; box-shadow:4px 4px 4px  
4px #A3ECB5 }
```

# Background

The CSS property to change the background color of an element to Hex A3ECB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3ECB5 }
```

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

```
.background{ background-color:#A3ECB5 }
```

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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