

# Converting Colors

Hex(A2EEB5)

Have a look what the booklet for  
Hex(A2EEB5) contains.

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# **Color**

**Hex(A2EEB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2EEB5
RGB	162, 238, 181
RGB Percent	64%, 93%, 71%
CMY	0.3647, 0.0667, 0.2902
CMYK	0.32, 0.00, 0.24, 0.07
HSL	135°, 69%, 78%
HSV	135°, 32%, 93%
XYZ	53.8153, 72.1666, 54.8093
YIQ	208.7780, -26.9990, -33.8390

# Conversions

## Conversions Part 2

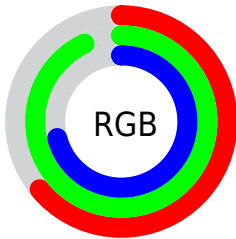
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">162, 223, 238</a>
Decimal	<a href="#">10677941</a>
CIELab	<a href="#">88.05, -34.84, 20.30</a>
CIElCh	<a href="#">88, 40.324, 149.777</a>
Yxy	<a href="#">72.1666, 0.2977, 0.3992</a>
Android (android.graphics.Color)	<a href="#">4288868021 (0xFFA2EEB5)</a>
YUV	<a href="#">208.7780, -13.6946, -41.0243</a>
Hunter-Lab	<a href="#">84.9510, -35.5868, 21.2125</a>

# Details

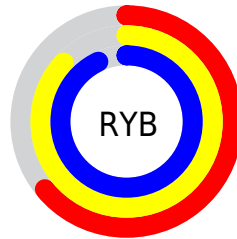
The Hex color **A2EEB5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EEA2DB**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **DBFFED**, and **6CB680** is the 20% darker color. If you saturate the color by 10%, you get **8AEEA3**, and if you desaturate by 10%, it is **BAEEC7**.

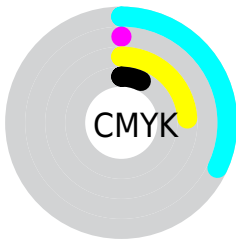
# Distribution



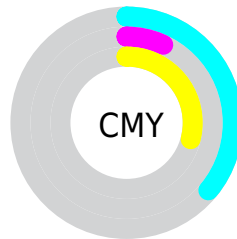
- Red (64%)
- Green (93%)
- Blue (71%)



- Red (64%)
- Yellow (87%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)



- Cyan (36%)
- Magenta (7%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2EEB5 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 A2EEB5 by changing the saturation by 10% instead.



 A2EEB5

 A2EEB5


FFFFFF

 87D19A

 DBFFED

 6CB680

 F8FFFF

 519B67

 36804E

 196737

 004E21

 00360B

 002300

 000000

 A2EEB5

 A2EEB5

 8AEEA3

 BAEEC7

 72EE91

 D2EED9

 5BEE7F

 E9EEEB

 43EE6E

 FFEEFC

 2BEE5C

 FFEEFF

 13EE4A

 00EE3B

# Harmonies

## Analogous

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



CFE699



A2EEB5



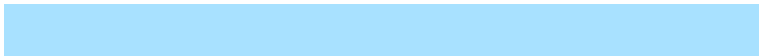
74F2DB

# Triad

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



A2EEB5



A8E1FF



FFC3B9

# Complementary

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



A2EEB5



EEA2DB

# 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.



FFC0DF



A2EEB5



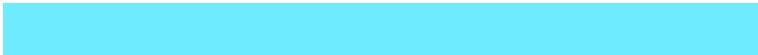
E1D3FF

# Square

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



A2EEB5



6FEBFF



FFC6FF



FFCD9C

# Rectangle

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



A2EEB5



5CF2F5



FFC6FF



FFC1C5

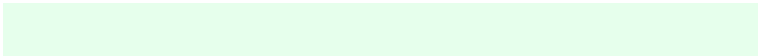


# Sweetspot

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



A2EEB5



E6FFEC



DBEEA2



708074



000000



808080

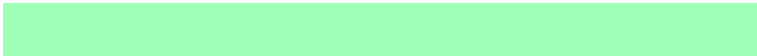


# Same Dimension

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



A2EEB5



9EFFB6



A2EEDB



6C786F



00B82E



00380E



# Inverse Universe

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



EEA2DB



FF9EE7



EEA2B5



786C75



B8008A

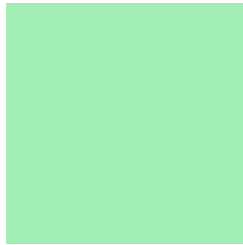


38002A



# Previews

## White Background



This preview shows how the Hex color A2EEB5 looks on a white background.

## Color Contrast Check

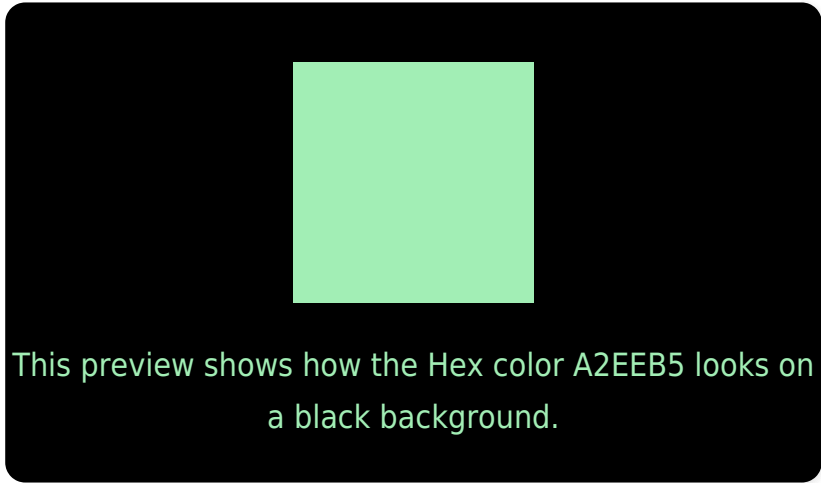
Large Text (above 18pt) WCAG AA × Fail

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

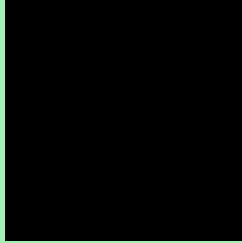
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2EEB5 Background



This preview shows how black text looks on a background with the Hex color A2EEB5.

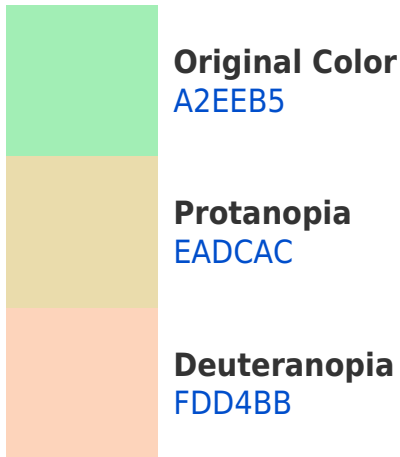


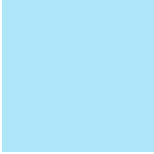
This preview shows how white text looks on a background with the Hex color A2EEB5.

# 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



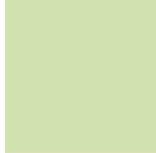


**Tritanopia**  
AFE5F8

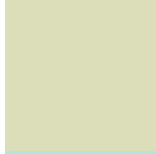
# Trichromacy



**Original Color**  
A2EEB5



**Protanomaly**  
D0E3AF



**Deuteranomaly**  
DCDDB9

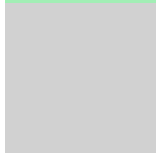


**Tritanomaly**  
AAE8E0

# Monochromacy



**Original Color**  
A2EEB5



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
C0DCC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2EEB5 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 #A2EEB5 looks like.

```
.text, #text, p{  
    color:#A2EEB5  
}
```

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 #A2EEB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2EEB5
}
```

## Border

The CSS property to change the border of an element to Hex A2EEB5 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
#A2EEB5 }
```

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

```
.border{ border-color:#A2EEB5 }
```

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

Here you see how a box with a 4 pixel #A2EEB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2EEB5; -webkit-box-shadow:4px 4px  
4px 4px #A2EEB5; box-shadow:4px 4px 4px  
4px #A2EEB5 }
```

# Background

The CSS property to change the background color of an element to Hex A2EEB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2EEB5 }
```

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

```
.background{ background-color:#A2EEB5 }
```

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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