

Converting Colors

Hex(A3BEE5)

Have a look what the booklet for
Hex(A3BEE5) contains.

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Color

Hex(A3BEE5)

Conversions

Conversions Part 1

Format	Color
Hex	A3BEE5
RGB	163, 190, 229
RGB Percent	64%, 75%, 90%
CMY	0.3608, 0.2549, 0.1020
CMYK	0.29, 0.17, 0.00, 0.10
HSL	215°, 56%, 77%
HSV	215°, 29%, 90%
XYZ	47.6606, 50.2706, 81.3200
YIQ	186.3730, -28.6110, 6.4050

Conversions

Conversions Part 2

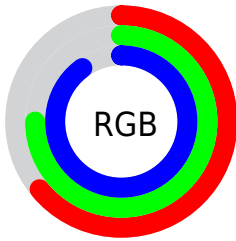
Format	Color
RYB	163, 182, 229
Decimal	10731237
CIELab	76.24, -0.33, -22.43
CIElCh	76, 22.434, 269.148
Yxy	50.2706, 0.2659, 0.2804
Android (android.graphics.Color)	4288921317 (0xFFA3BEE5)
YUV	186.3730, 21.0151, -20.4981
Hunter-Lab	70.9018, -4.0893, -18.3708

Details

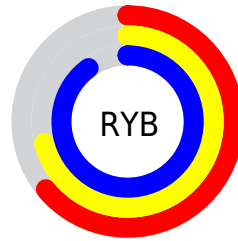
The Hex color **A3BEE5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E5CAA3**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **DBF6FF**, and **6E89AD** is the 20% darker color. If you saturate the color by 10%, you get **8CB0E5**, and if you desaturate by 10%, it is **BACCE5**.

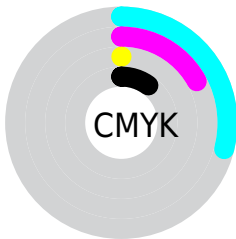
Distribution



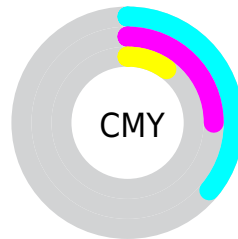
- Red (64%)
- Green (75%)
- Blue (90%)



- Red (64%)
- Yellow (71%)
- Blue (90%)



- Cyan (29%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)



- Cyan (36%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3BEE5 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 A3BEE5 by changing the saturation by 10% instead.

 A3BEE5

 A3BEE5

FFFFFF

 88A3C9


 DBF6FF

 6E89AD

 F8FFFF

 546F93

 3B5779

 214060

 012A48

 001631

 00021C

 000000

 A3BEE5

 A3BEE5

 8CB0E5

 BACCE5

 75A3E5


 D1D9E5

 5E95E5

 E8E7E5

 4788E5

 FFF4E5

 317AE5

 FFFF E5

 1A6DE5

 035FE5

 005EE5

Harmonies

Analogous

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



8CC4DF



A3BEE5



BFB7E0

Triad

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



A3BEE5



E7AFA9



9EC6A6

Complementary

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



A3BEE5



E5CAA3

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.



B6C198



A3BEE5



DEB499

Square

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



A3BEE5



E4ADB8



CCBA93



8BC8BB

Rectangle

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



A3BEE5



CFB2D7



CCBA93



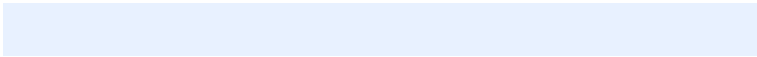
A6C4A0

Sweetspot

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



A3BEE5



E8F1FF



A3E5CA



717780



000000



808080

Same Dimension

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



A3BEE5



A6CAFF



A9A3E5



676C73



0049B3



001533

Inverse Universe

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



E5A3BE



FFA6CA



E0E5A3



73676C



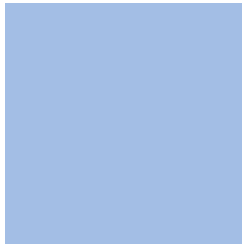
B30049



330015

Previews

White Background



This preview shows how the Hex color A3BEE5 looks on a white background.

Color Contrast Check

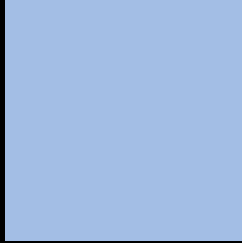
Large Text (above 18pt) WCAG AA × Fail

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 A3BEE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

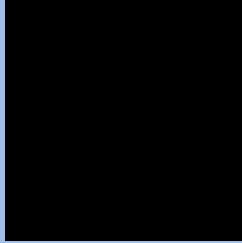
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

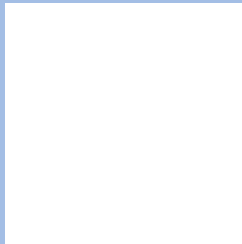
Any Text WCAG AAA ✓ Pass

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

Hex A3BEE5 Background



This preview shows how black text looks on a background with the Hex color A3BEE5.

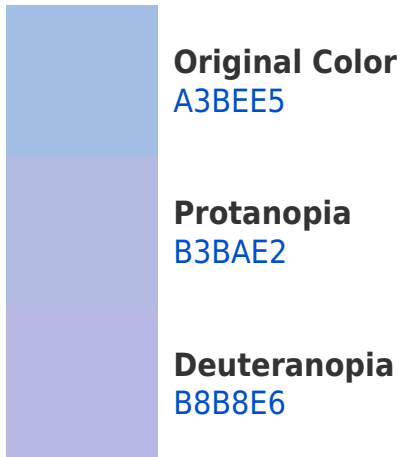


This preview shows how white text looks on a background with the Hex color A3BEE5.

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



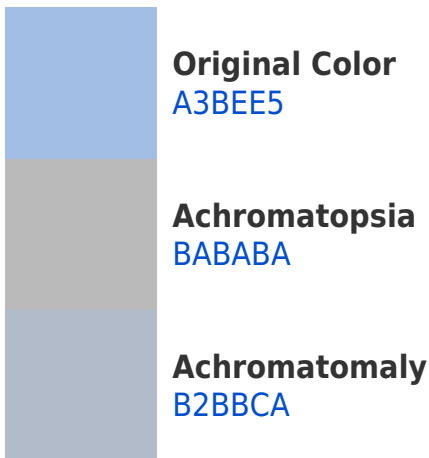


Tritanopia
9FC1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3BEE5 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 #A3BEE5 looks like.

```
.text, #text, p{  
    color:#A3BEE5  
}
```

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 #A3BEE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3BEE5  
}
```

Border

The CSS property to change the border of an element to Hex A3BEE5 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  
#A3BEE5 }
```

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

```
.border{ border-color:#A3BEE5 }
```

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

Here you see how a box with a 4 pixel #A3BEE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3BEE5; -webkit-box-shadow:4px 4px  
4px 4px #A3BEE5; box-shadow:4px 4px 4px  
4px #A3BEE5 }
```

Background

The CSS property to change the background color of an element to Hex A3BEE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3BEE5 }
```

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

```
.background{ background-color:#A3BEE5 }
```

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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