

Converting Colors

Hex(A3B3E8)

Have a look what the booklet for
Hex(A3B3E8) contains.

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Color

Hex(A3B3E8)

Conversions

Conversions Part 1

Format	Color
Hex	A3B3E8
RGB	163, 179, 232
RGB Percent	64%, 70%, 91%
CMY	0.3608, 0.2980, 0.0902
CMYK	0.30, 0.23, 0.00, 0.09
HSL	226°, 60%, 77%
HSV	226°, 30%, 91%
XYZ	45.7898, 45.8529, 82.7810
YIQ	180.2580, -26.5490, 13.0910

Conversions

Conversions Part 2

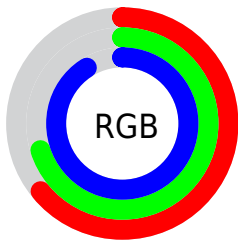
Format	Color
R _Y B	163, 176, 232
Decimal	10728424
CIE Lab	73.45, 6.40, -28.31
CIE LCh	73, 29.029, 282.745
Yxy	45.8529, 0.2625, 0.2629
Android (android.graphics.Color)	4288918504 (0xFFA3B3E8)
YUV	180.2580, 25.5088, -15.1353
Hunter-Lab	67.7148, 2.2037, -25.0814

Details

The Hex color **A3B3E8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E8D8A3**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **DBEBFF**, and **6D7EB0** is the 20% darker color. If you saturate the color by 10%, you get **8CA1E8**, and if you desaturate by 10%, it is **BAC5E8**.

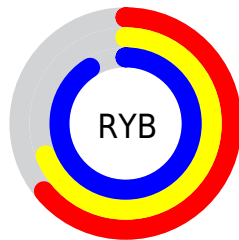
Distribution



Red (64%)

Green (70%)

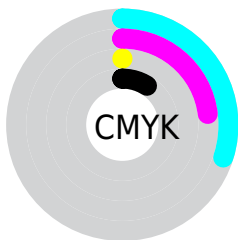
Blue (91%)



Red (64%)

Yellow (69%)

Blue (91%)

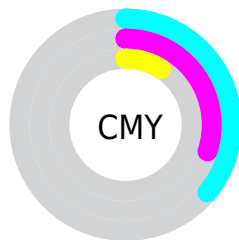


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (36%)

Magenta (30%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3B3E8 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 A3B3E8 by changing the saturation by 10% instead.

 A3B3E8

 A3B3E8

FFFFFF

 8898CC

 DBEBFF

 6D7EB0

 F8FFFF

 546695

 3A4E7B

 203762

 00224A

 000B33

 00021E

 000000

 A3B3E8

 A3B3E8

 8CA1E8

 BAC5E8

 758FE8

 D1D7E8

 5D7EE8

 E9E8E8

 466CE8

 FFFAE8

 2F5AE8

 FFFF E8

 1848E8

 0136E8

 0036E8

Harmonies

Analogous

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



7DBBE7



A3B3E8



C7AADC

Triad

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



A3B3E8



E6A591



80C2A4

Complementary

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



A3B3E8



E8D8A3

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.



9EBE8D



A3B3E8



D5AD82

Square

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



A3B3E8



EAA1AA



BCB680



68C3BF

Rectangle

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



A3B3E8



D9A5CD



BCB680



8AC19B

Sweetspot

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



A3B3E8



E8EDFF



A3E8D8



717580



000000



808080

Same Dimension

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



A3B3E8



A3B8FF



B5A3E8



676A73



0029B3



000C33

Inverse Universe

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



E8A3B3



FFA3B8



D6E8A3



73676A



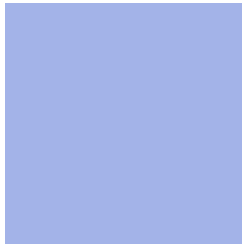
B30029



33000C

Previews

White Background



This preview shows how the Hex color A3B3E8 looks on a white background.

Color Contrast Check

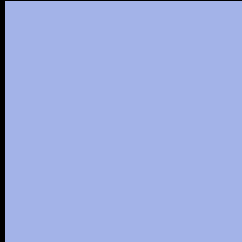
Large Text (above 18pt) WCAG AA × Fail

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 A3B3E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

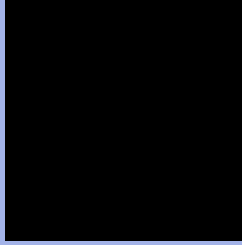
Any Text WCAG AA ✓ Pass

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 A3B3E8 Background



This preview shows how black text looks on a background with the Hex color A3B3E8.



This preview shows how white text looks on a background with the Hex color A3B3E8.

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



Original Color
A3B3E8

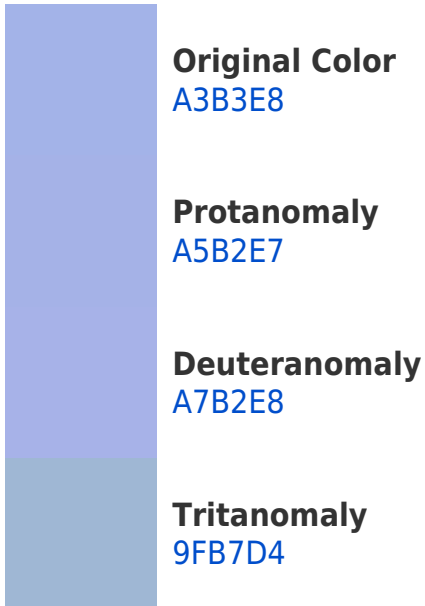
Protanopia
A6B2E7

Deuteranopia
AAB1E8



Tritanopia
9CB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3B3E8 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 #A3B3E8 looks like.

```
.text, #text, p{  
    color:#A3B3E8  
}
```

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 #A3B3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3B3E8
}
```

Border

The CSS property to change the border of an element to Hex A3B3E8 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
#A3B3E8 }
```

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

```
.border{ border-color:#A3B3E8 }
```

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

Here you see how a box with a 4 pixel #A3B3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3B3E8; -webkit-box-shadow:4px 4px  
4px 4px #A3B3E8; box-shadow:4px 4px 4px  
4px #A3B3E8 }
```

Background

The CSS property to change the background color of an element to Hex A3B3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3B3E8 }
```

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

```
.background{ background-color:#A3B3E8 }
```

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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