

Converting Colors

Hex(A3BBF3)

Have a look what the booklet for
Hex(A3BBF3) contains.

Hex(A3BBF3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A3BBF3)

Conversions

Conversions Part 1

Format	Color
Hex	A3BBF3
RGB	163, 187, 243
RGB Percent	64%, 73%, 95%
CMY	0.3608, 0.2667, 0.0471
CMYK	0.33, 0.23, 0.00, 0.05
HSL	222°, 77%, 80%
HSV	222°, 33%, 95%
XYZ	49.0522, 49.7982, 91.8207
YIQ	186.2080, -32.2800, 12.3280

Conversions

Conversions Part 2

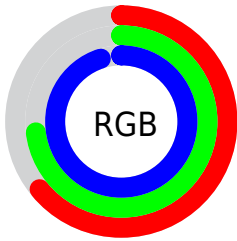
Format	Color
RYB	163, 181, 243
Decimal	10730483
CIELab	75.95, 4.74, -30.43
CIELCh	76, 30.796, 278.863
Yxy	49.7982, 0.2573, 0.2612
Android (android.graphics.Color)	4288920563 (0xFFA3BBF3)
YUV	186.2080, 27.9985, -20.3534
Hunter-Lab	70.5679, 0.5829, -27.7488

Details

The Hex color **A3BBF3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F3DBA3**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **DCF3FF**, and **6D86BB** is the 20% darker color. If you saturate the color by 10%, you get **8BAAF3**, and if you desaturate by 10%, it is **BBCCF3**.

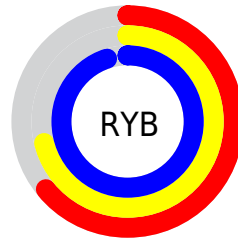
Distribution



Red (64%)

Green (73%)

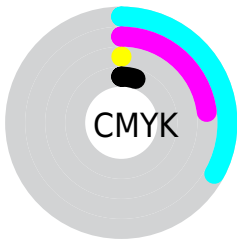
Blue (95%)



Red (64%)

Yellow (71%)

Blue (95%)

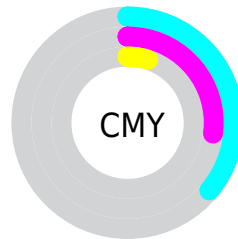


Cyan (33%)

Magenta (23%)

Yellow (0%)

Black (5%)



Cyan (36%)

Magenta (27%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3BBF3 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 A3BBF3 by changing the saturation by 10% instead.

 A3BBF3

 A3BBF3

FFFFFF

 88A0D6

 DCF3FF

 6D86BB

 F9FFFF

 526DA0

 385585

 1B3E6C

 002853

 00143C

 000226

 00010E

 A3BBF3

 A3BBF3

 8BAAF3

 BBCCF3

 7299F3

 D4DDF3


 5A88F3

 ECEEF3

 4277F3

 FFFFF3

 2A66F3

 1155F3

 0049F3

Harmonies

Analogous

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



7BC4EF



A3BBF3



CAB1E8

Triad

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



A3BBF3



F1AA99



87C9A6

Complementary

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



A3BBF3



F3DBA3

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.



A8C48E



A3BBF3



E1B387

Square

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



A3BBF3



F4A6B4



C7BC83



6BCBC3

Rectangle

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



A3BBF3



DFABD9



C7BC83



92C89D

Sweetspot

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



A3BBF3



E6EDFF



A3F3DB



707580



000000



808080

Same Dimension

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



A3BBF3



99B8FF



B3A3F3



6E727A



0038BA



00123B

Inverse Universe

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



F3A3BB



FF99B8



E3F3A3



7A6E72



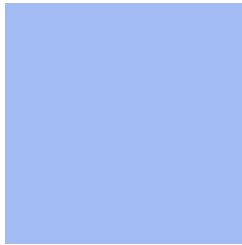
BA0038



3B0012

Previews

White Background



This preview shows how the Hex color A3BBF3 looks on a white background.

Color Contrast Check

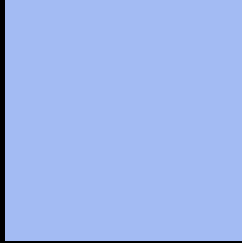
Large Text (above 18pt) WCAG AA × Fail

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 A3BBF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

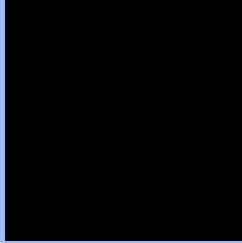
Any Text WCAG AA ✓ Pass

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 A3BBF3 Background



This preview shows how black text looks on a background with the Hex color A3BBF3.



This preview shows how white text looks on a background with the Hex color A3BBF3.

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
A3BBF3

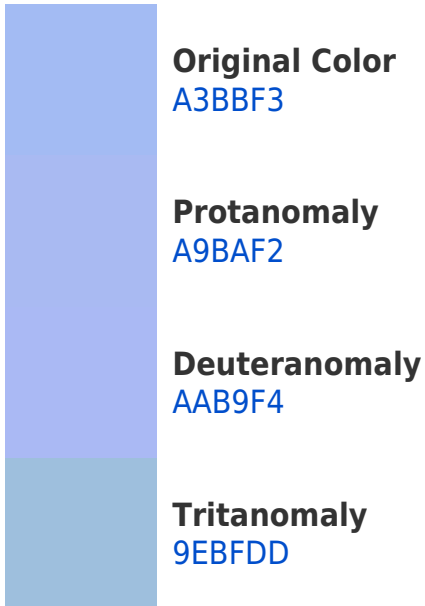
Protanopia
ACB9F1

Deuteranopia
AEB8F4

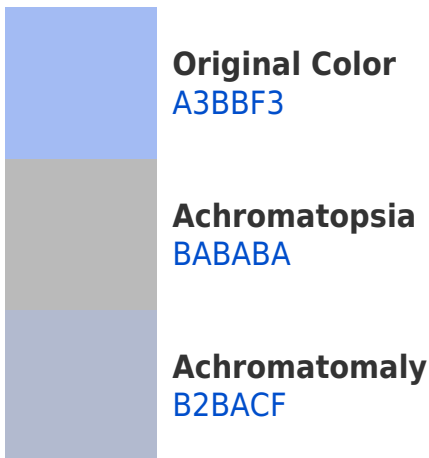


Tritanopia
9BC1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3BBF3 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 #A3BBF3 looks like.

```
.text, #text, p{  
    color:#A3BBF3  
}
```

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 #A3BBF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3BBF3
}
```

Border

The CSS property to change the border of an element to Hex A3BBF3 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
#A3BBF3 }
```

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

```
.border{ border-color:#A3BBF3 }
```

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

Here you see how a box with a 4 pixel #A3BBF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3BBF3; -webkit-box-shadow:4px 4px  
4px 4px #A3BBF3; box-shadow:4px 4px 4px  
4px #A3BBF3 }
```

Background

The CSS property to change the background color of an element to Hex A3BBF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3BBF3 }
```

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

```
.background{ background-color:#A3BBF3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor