

# Converting Colors

Hex(A3A6E8)

Have a look what the booklet for  
Hex(A3A6E8) contains.

<b>Hex(A3A6E8)</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(A3A6E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3A6E8
RGB	163, 166, 232
RGB Percent	64%, 65%, 91%
CMY	0.3608, 0.3490, 0.0902
CMYK	0.30, 0.28, 0.00, 0.09
HSL	237°, 60%, 77%
HSV	237°, 30%, 91%
XYZ	43.3060, 40.8852, 81.9531
YIQ	172.6270, -22.9740, 19.8900

# Conversions

## Conversions Part 2

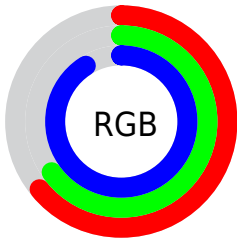
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">163, 166, 232</a>
Decimal	<a href="#">10725096</a>
CIELab	<a href="#">70.10, 13.64, -33.49</a>
CIElCh	<a href="#">70, 36.160, 292.168</a>
Yxy	<a href="#">40.8852, 0.2607, 0.2461</a>
Android (android.graphics.Color)	<a href="#">4288915176 (0xFFA3A6E8)</a>
YUV	<a href="#">172.6270, 29.2709, -8.4429</a>
Hunter-Lab	<a href="#">63.9415, 8.9959, -31.2323</a>

# Details

The Hex color **A3A6E8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E8E5A3**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **DBDDFF**, and **6D72B0** is the 20% darker color. If you saturate the color by 10%, you get **8C90E8**, and if you desaturate by 10%, it is **BABCE8**.

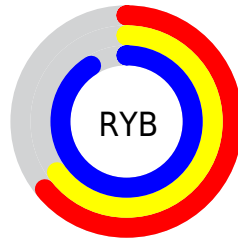
# Distribution



Red (64%)

Green (65%)

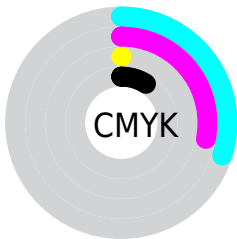
Blue (91%)



Red (64%)

Yellow (65%)

Blue (91%)

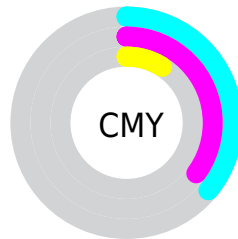


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (9%)



Cyan (36%)

Magenta (35%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3A6E8 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 A3A6E8 by changing the saturation by 10% instead.



 A3A6E8

 A3A6E8

FFFFFF

 888CCC


 DBDDFF

 6D72B0

 F8FAFF

 535A95

 39437B

 1F2D62

 00184A

 000033

 00021D

 000000

 A3A6E8

 A3A6E8

 8C90E8

 BABCE8

 757AE8

 D1D2E8

 5D63E8

 E9E9E8

 464DE8

 FFFFE8

 2F37E8

 1821E8

 010BE8

 000AE8

# Harmonies

## Analogous

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



6EB1EC



A3A6E8



CD9AD4

# Triad

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



A3A6E8



E19B79



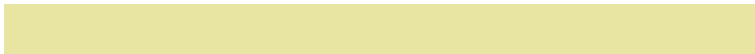
59BDA1

# Complementary

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



A3A6E8



E8E5A3

# 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.



83B882



A3A6E8



C9A66A

# Square

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



A3A6E8



EC9394



A8B16E



31BDC3

# Rectangle

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



A3A6E8



DF95C0



A8B16E



67BC96



# Sweetspot

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



A3A6E8



E8E9FF



A3E8E5



717280



000000



808080



# Same Dimension

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



A3A6E8



A3A7FF



C2A3E8



676873



0008B3



000233



# Inverse Universe

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



E8A3A6



FFA3A7



C9E8A3



736768



B30008

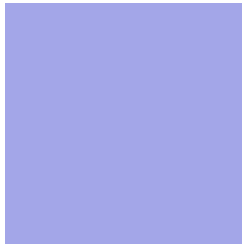


330002



# Previews

## White Background



This preview shows how the Hex color A3A6E8 looks on a white background.

## Color Contrast Check

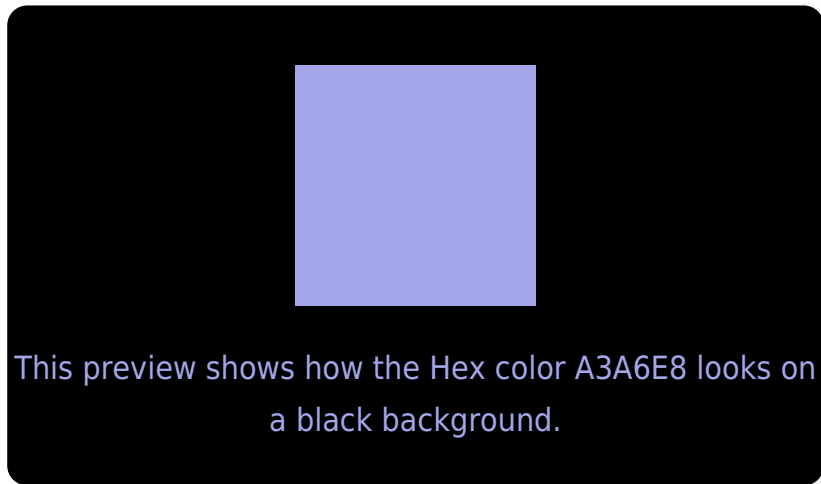
Large Text (above 18pt) WCAG AA × Fail

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 A3A6E8 Background



This preview shows how black text looks on a background with the Hex color A3A6E8.



This preview shows how white text looks on a background with the Hex color A3A6E8.

# 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](#).

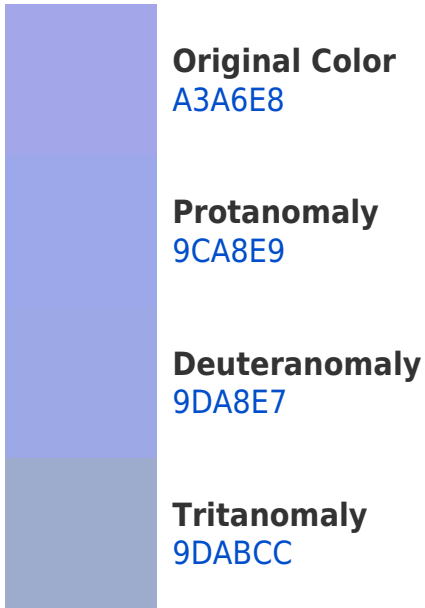
## Dichromacy



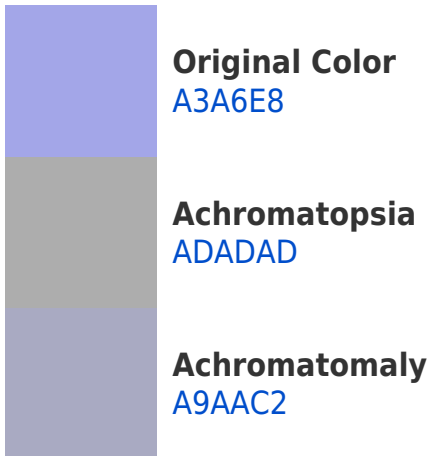


**Tritanopia**  
9AAEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3A6E8 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 #A3A6E8 looks like.

```
.text, #text, p{  
    color:#A3A6E8  
}
```

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 #A3A6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3A6E8
}
```

## Border

The CSS property to change the border of an element to Hex A3A6E8 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
#A3A6E8 }
```

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

```
.border{ border-color:#A3A6E8 }
```

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

Here you see how a box with a 4 pixel #A3A6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3A6E8; -webkit-box-shadow:4px 4px  
4px 4px #A3A6E8; box-shadow:4px 4px 4px  
4px #A3A6E8 }
```

# Background

The CSS property to change the background color of an element to Hex A3A6E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3A6E8 }
```

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

```
.background{ background-color:#A3A6E8 }
```

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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