

Converting Colors

Hex(A1A8E2)

Have a look what the booklet for
Hex(A1A8E2) contains.

Hex(A1A8E2)	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(A1A8E2)

Conversions

Conversions Part 1

Format	Color
Hex	A1A8E2
RGB	161, 168, 226
RGB Percent	63%, 66%, 89%
CMY	0.3686, 0.3412, 0.1137
CMYK	0.29, 0.26, 0.00, 0.11
HSL	234°, 53%, 76%
HSV	234°, 29%, 89%
XYZ	42.4280, 41.0733, 77.6433
YIQ	172.5190, -22.7900, 16.5540

Conversions

Conversions Part 2

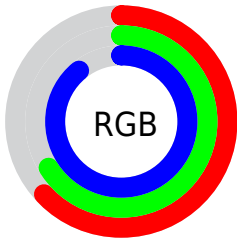
Format	Color
RYB	161, 167, 226
Decimal	10594530
CIELab	70.23, 10.46, -30.01
CIElCh	70, 31.783, 289.211
Yxy	41.0733, 0.2633, 0.2549
Android (android.graphics.Color)	4288784610 (0xFFA1A8E2)
YUV	172.5190, 26.3661, -10.1022
Hunter-Lab	64.0885, 6.0163, -26.9680

Details

The Hex color **A1A8E2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E2DBA1**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D9DFFF**, and **6C74AA** is the 20% darker color. If you saturate the color by 10%, you get **8A94E2**, and if you desaturate by 10%, it is **B8BCE2**.

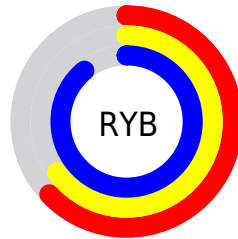
Distribution



Red (63%)

Green (66%)

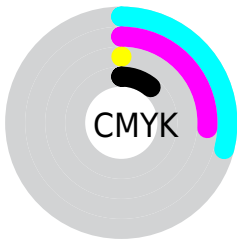
Blue (89%)



Red (63%)

Yellow (65%)

Blue (89%)

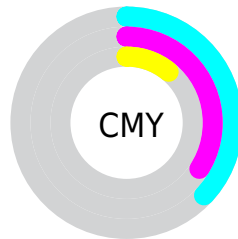


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (37%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1A8E2 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 A1A8E2 by changing the saturation by 10% instead.

 A1A8E2

 A1A8E2

FFFFFF

 868EC6

 D9DFFF

 6C74AA

 F6FCFF

 525C90

 394476

 1F2E5D

 001A45

 00002F

 000119

 000000

■ A1A8E2

■ A1A8E2

■ 8A94E2

■ B8BCE2

■ 7480E2

■ CED0E2

■ 5D6CE2

■ E5E4E2

■ 4757E2

■ FBF9E2

■ 3043E2

■ FFFFE2

■ 192FE2

■ 031BE2

■ 0018E2

Harmonies

Analogous

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



75B2E4



A1A8E2



C69ED2

Triad

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



A1A8E2



DD9D81



6ABBA0

Complementary

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



A1A8E2



E2DBA1

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.



8CB785



A1A8E2



C9A673

Square

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



A1A8E2



E5979A



ADB075



4FB8BE

Rectangle

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



A1A8E2



D899C1



ADB075



75BA96

Sweetspot

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



A1A8E2



E8EBFF



A1E2DA



717380



000000



808080

Same Dimension

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



A1A8E2



A6AFFF



BAA1E2



656670



0013B0



000530

Inverse Universe

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



E2A1A8



FFA6AF



C9E2A1



706566



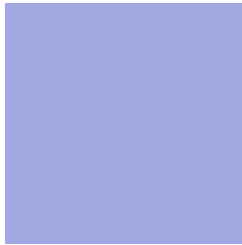
B00013



300005

Previews

White Background



This preview shows how the Hex color A1A8E2 looks on a white background.

Color Contrast Check

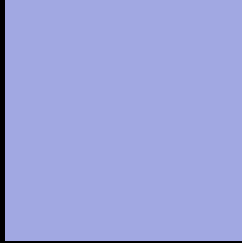
Large Text (above 18pt) WCAG AA × Fail

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 A1A8E2 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 A1A8E2 Background



This preview shows how black text looks on a background with the Hex color A1A8E2.



This preview shows how white text looks on a background with the Hex color A1A8E2.

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
A1A8E2

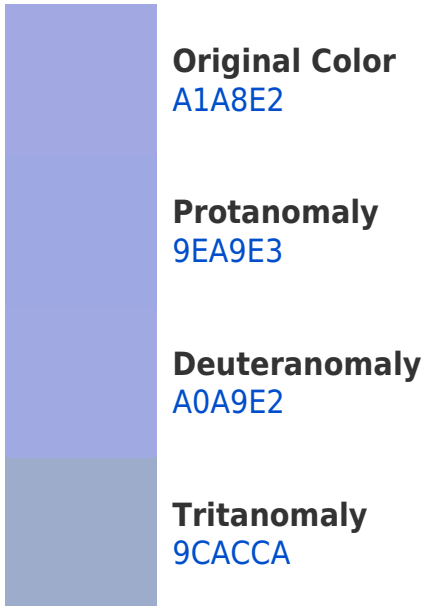
Protanopia
9CA9E3

Deuteranopia
9FA9E2

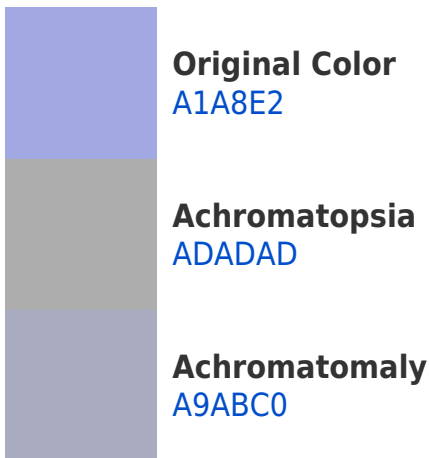


Tritanopia
99AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A1A8E2 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 #A1A8E2 looks like.

```
.text, #text, p{  
    color:#A1A8E2  
}
```

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 #A1A8E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1A8E2
}
```

Border

The CSS property to change the border of an element to Hex A1A8E2 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
#A1A8E2 }
```

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

```
.border{ border-color:#A1A8E2 }
```

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

Here you see how a box with a 4 pixel #A1A8E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1A8E2; -webkit-box-shadow:4px 4px  
4px 4px #A1A8E2; box-shadow:4px 4px 4px  
4px #A1A8E2 }
```

Background

The CSS property to change the background color of an element to Hex A1A8E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1A8E2 }
```

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

```
.background{ background-color:#A1A8E2 }
```

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