

# Converting Colors

Hex(A5AED7)

Have a look what the booklet for  
Hex(A5AED7) contains.

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# **Color**

**Hex(A5AED7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5AED7
RGB	165, 174, 215
RGB Percent	65%, 68%, 84%
CMY	0.3529, 0.3176, 0.1569
CMYK	0.23, 0.19, 0.00, 0.16
HSL	229°, 38%, 75%
HSV	229°, 23%, 84%
XYZ	42.9188, 43.1777, 70.3620
YIQ	175.9830, -18.5250, 10.8430

# Conversions

## Conversions Part 2

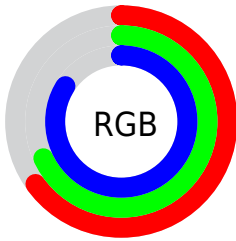
Format	Color
R <sub>Y</sub> B	165, 173, 215
Decimal	10858199
CIE Lab	71.68, 5.68, -21.75
CIE LCh	72, 22.477, 284.648
Yxy	43.1777, 0.2743, 0.2760
Android (android.graphics.Color)	4289048279 (0xFFA5AED7)
YUV	175.9830, 19.2354, -9.6321
Hunter-Lab	65.7098, 1.5966, -17.4909

# Details

The Hex color **A5AED7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D7CEA5**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **DDE5FF**, and **707AA0** is the 20% darker color. If you saturate the color by 10%, you get **909CD7**, and if you desaturate by 10%, it is **BBC0D7**.

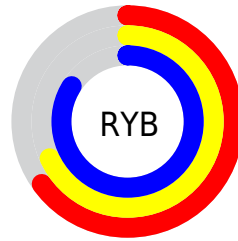
# Distribution



Red (65%)

Green (68%)

Blue (84%)



Red (65%)

Yellow (68%)

Blue (84%)

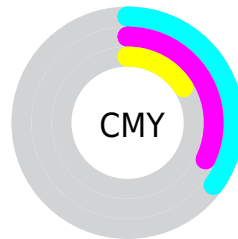


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (16%)



Cyan (35%)

Magenta (32%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5AED7 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 A5AED7 by changing the saturation by 10% instead.



 A5AED7

 A5AED7

FFFFFF

 8A93BB

 DDE5FF

 707AA0

 F9FFFF

 576186

 3F496C

 273354

 0E1E3D

 000427

 000111

 000000

 A5AED7

 A5AED7

 909CD7

 BBC0D7

 7A8BD7

 D0D1D7

 6579D7

 E6E3D7

 4F67D7

 FBF5D7

 3A56D7

 FFFFD7

 2444D7

 0E33D7

 0027D7

# Harmonies

## Analogous

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



8AB5D7



A5AED7



BFA7CD

# Triad

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



A5AED7



D6A494



87BBA4

# Complementary

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



A5AED7



D7CEA5

# 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.



9DB792



A5AED7



C9AB89

# Square

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



A5AED7



DAA1A6



B5B188



78BBB9

# Rectangle

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



A5AED7



CDA3C2



B5B188



8EBA9D



# Sweetspot

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



A5AED7



EDF0FF



A5D7CE



757780



000000



808080



# Same Dimension

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



A5AED7



B8C4FF



B5A5D7



60626B



001FAB



00082B



# Inverse Universe

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



D7A5AE



FFB8C4



C7D7A5



6B6062



AB001F

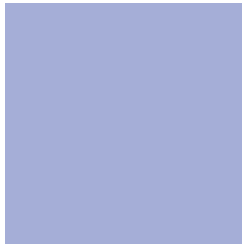


2B0008



# Previews

## White Background



This preview shows how the Hex color A5AED7 looks on a white background.

## Color Contrast Check

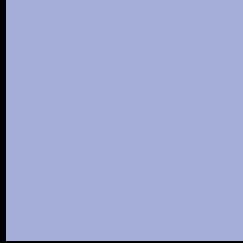
Large Text (above 18pt) WCAG AA × Fail

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 A5AED7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

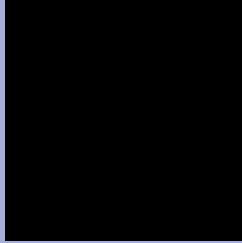
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

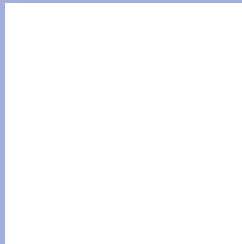
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A5AED7 Background



This preview shows how black text looks on a background with the Hex color A5AED7.



This preview shows how white text looks on a background with the Hex color A5AED7.

# 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**  
A5AED7

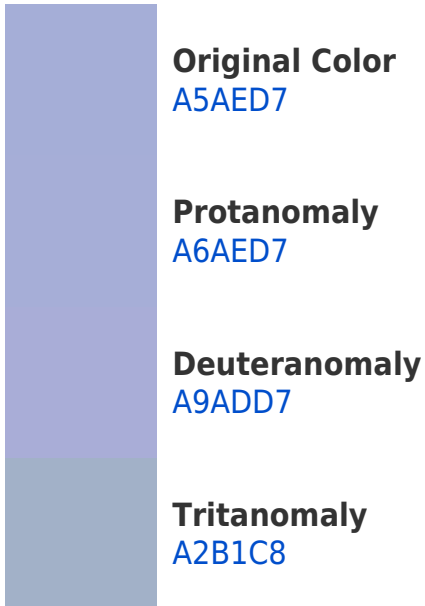
**Protanopia**  
A6AED7

**Deuteranopia**  
ACACD7

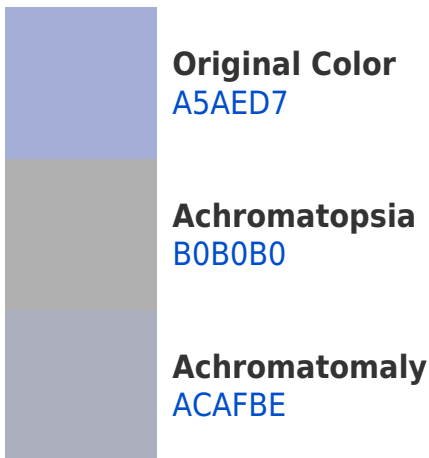


**Tritanopia**  
A1B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5AED7 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 #A5AED7 looks like.

```
.text, #text, p{  
    color:#A5AED7  
}
```

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 #A5AED7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5AED7
}
```

## Border

The CSS property to change the border of an element to Hex A5AED7 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
#A5AED7 }
```

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

```
.border{ border-color:#A5AED7 }
```

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

Here you see how a box with a 4 pixel #A5AED7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5AED7; -webkit-box-shadow:4px 4px  
4px 4px #A5AED7; box-shadow:4px 4px 4px  
4px #A5AED7 }
```

# Background

The CSS property to change the background color of an element to Hex A5AED7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5AED7 }
```

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

```
.background{ background-color:#A5AED7 }
```

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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