

# Converting Colors

Hex(A0A5D9)

Have a look what the booklet for  
Hex(A0A5D9) contains.

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# **Color**

**Hex(A0A5D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0A5D9
RGB	160, 165, 217
RGB Percent	63%, 65%, 85%
CMY	0.3725, 0.3529, 0.1490
CMYK	0.26, 0.24, 0.00, 0.15
HSL	235°, 43%, 74%
HSV	235°, 26%, 85%
XYZ	40.4767, 39.3936, 71.1160
YIQ	169.4330, -19.6720, 15.1120

# Conversions

## Conversions Part 2

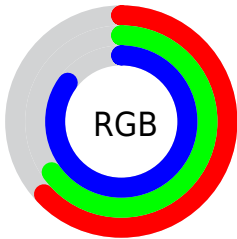
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 165, 217
Decimal	10528217
CIELab	69.04, 9.65, -26.91
CIELCh	69, 28.590, 289.716
Yxy	39.3936, 0.2681, 0.2609
Android (android.graphics.Color)	4288718297 (0xFFA0A5D9)
YUV	169.4330, 23.4505, -8.2727
Hunter-Lab	62.7643, 5.2771, -23.2444

# Details

The Hex color **A0A5D9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D9D4A0**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D8DCFF**, and **6B71A2** is the 20% darker color. If you saturate the color by 10%, you get **8A91D9**, and if you desaturate by 10%, it is **B6B9D9**.

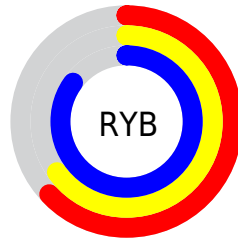
# Distribution



Red (63%)

Green (65%)

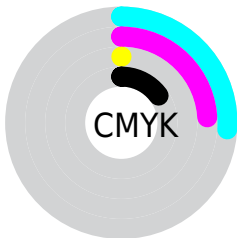
Blue (85%)



Red (63%)

Yellow (65%)

Blue (85%)

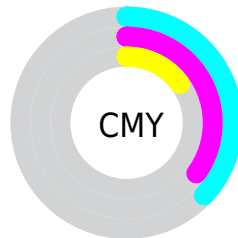


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (15%)



Cyan (37%)

Magenta (35%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0A5D9 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 A0A5D9 by changing the saturation by 10% instead.



 A0A5D9

 A0A5D9

FFFFFF

 858BBD

 D8DCFF

 6B71A2

 F4F8FF

 525988

 39426E

 202C55

 04173E

 000028

 000112

 000000

 A0A5D9

 A0A5D9

 8A91D9

 B6B9D9

 757DD9

 CBCDD9

 5F6AD9

 E1E0D9

 4956D9

 F7F4D9

 3442D9

 FFFFD9

 1E2ED9

 081AD9

 0013D9

# Harmonies

## Analogous

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



7AAEDB



A0A5D9



C19CCA

# Triad

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



A0A5D9



D59B82



6EB69E

# Complementary

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



A0A5D9



D9D4A0

# 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.



8CB386



A0A5D9



C3A476

# Square

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



A0A5D9



DD9698



A9AC77



59B7B9

# Rectangle

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



A0A5D9



D098BB



A9AC77



78B596



# Sweetspot

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



A0A5D9



EBECFF



A0D9D3



737480



000000



808080



# Same Dimension

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



A0A5D9



ADB5FF



B7A0D9



63646E



000FAD



00042E



# Inverse Universe

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



D9A0A5



FFADB5



C2D9A0



6E6364



AD000F

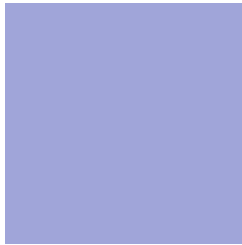


2E0004



# Previews

## White Background



This preview shows how the Hex color A0A5D9 looks on a white background.

## Color Contrast Check

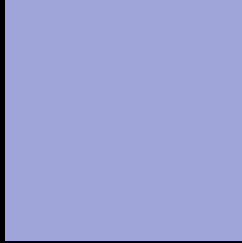
Large Text (above 18pt) WCAG AA × Fail

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 A0A5D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

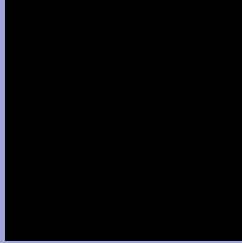
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A0A5D9 Background



This preview shows how black text looks on a background with the Hex color A0A5D9.



This preview shows how white text looks on a background with the Hex color A0A5D9.

# 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**  
A0A5D9

**Protanopia**  
9BA6DA

**Deuteranopia**  
9FA5D9



**Tritanopia**  
9AABB9

# Trichromacy



**Original Color**  
A0A5D9

**Protanomaly**  
9DA6DA

**Deuteranomaly**  
9FA5D9

**Tritanomaly**  
9CA9C5

# Monochromacy



**Original Color**  
A0A5D9

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
A6A8BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0A5D9 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 #A0A5D9 looks like.

```
.text, #text, p{  
    color:#A0A5D9  
}
```

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 #A0A5D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0A5D9
}
```

## Border

The CSS property to change the border of an element to Hex A0A5D9 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
#A0A5D9 }
```

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

```
.border{ border-color:#A0A5D9 }
```

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

Here you see how a box with a 4 pixel #A0A5D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0A5D9; -webkit-box-shadow:4px 4px  
4px 4px #A0A5D9; box-shadow:4px 4px 4px  
4px #A0A5D9 }
```

# Background

The CSS property to change the background color of an element to Hex A0A5D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0A5D9 }
```

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

```
.background{ background-color:#A0A5D9 }
```

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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