

Converting Colors

Hex(A2A6D8)

Have a look what the booklet for
Hex(A2A6D8) contains.

Hex(A2A6D8)	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(A2A6D8)

Conversions

Conversions Part 1

Format	Color
Hex	A2A6D8
RGB	162, 166, 216
RGB Percent	64%, 65%, 85%
CMY	0.3647, 0.3490, 0.1529
CMYK	0.25, 0.23, 0.00, 0.15
HSL	236°, 41%, 74%
HSV	236°, 25%, 85%
XYZ	40.9312, 39.9117, 70.5122
YIQ	170.5040, -18.4340, 14.7020

Conversions

Conversions Part 2

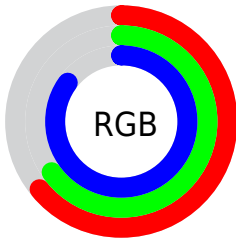
Format	Color
RYB	162, 166, 216
Decimal	10659544
CIELab	69.41, 9.45, -25.78
CIELCh	69, 27.458, 290.126
Yxy	39.9117, 0.2704, 0.2637
Android (android.graphics.Color)	4288849624 (0xFFA2A6D8)
YUV	170.5040, 22.4295, -7.4580
Hunter-Lab	63.1757, 5.0917, -21.9522

Details

The Hex color **A2A6D8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D8D4A2**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **DADDFE**, and **6D72A1** is the 20% darker color. If you saturate the color by 10%, you get **8C92D8**, and if you desaturate by 10%, it is **B8BAD8**.

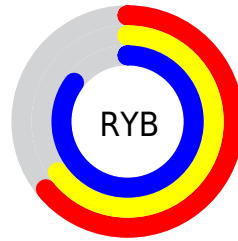
Distribution



Red (64%)

Green (65%)

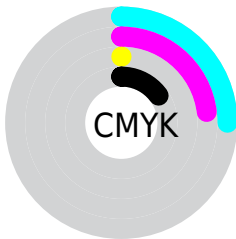
Blue (85%)



Red (64%)

Yellow (65%)

Blue (85%)

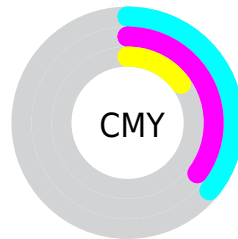


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (15%)



Cyan (36%)

Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2A6D8 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 A2A6D8 by changing the saturation by 10% instead.

 A2A6D8

 A2A6D8

FFFFFF

 878CBC

 DADDFE

 6D72A1

 F6FAFF

 545A87

 3B426D

 232C55

 08183D

 000027

 000111

 000000

 A2A6D8

 A2A6D8

 8C92D8

 B8BAD8

 777ED8

 CDCED8

 616AD8

 E3E2D8

 4C56D8

 F8F6D8

 3642D8

 FFFFD8

 202ED8

 0B1AD8

 0010D8

Harmonies

Analogous

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



7EAEDA



A2A6D8



C19ECA

Triad

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



A2A6D8



D59D84



72B7A0

Complementary

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



A2A6D8



D8D4A2

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.



8EB389



A2A6D8



C3A579

Square

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



A2A6D8



DC989A



AAAD7A



5FB7BA

Rectangle

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



A2A6D8



D099BB



AAAD7A



7BB698

Sweetspot

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



A2A6D8



EBECFF



A2D8D3



737480



000000



808080

Same Dimension

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



A2A6D8



B3B8FF



B9A2D8



60616B



000DAB



00032B

Inverse Universe

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



D8A2A6



FFB3B8



C2D8A2



6B6061



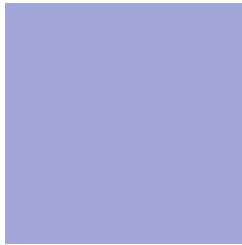
AB000D



2B0003

Previews

White Background



This preview shows how the Hex color A2A6D8 looks on a white background.

Color Contrast Check

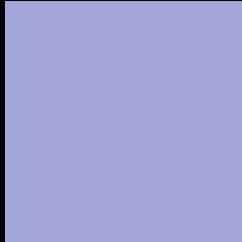
Large Text (above 18pt) WCAG AA × Fail

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 A2A6D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

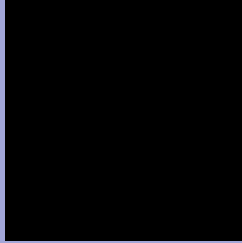
Any Text WCAG AA ✓ Pass

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 A2A6D8 Background



This preview shows how black text looks on a background with the Hex color A2A6D8.



This preview shows how white text looks on a background with the Hex color A2A6D8.

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
A2A6D8

Protanopia
9DA7D9

Deuteranopia
A1A6D8



Tritanopia
9CACB9

Trichromacy



Original Color
A2A6D8

Protanomaly
9FA7D9

Deuteranomaly
A1A6D8

Tritanomaly
9EAAC4

Monochromacy



Original Color
A2A6D8

Achromatopsia
ABABAB

Achromatomaly
A8A9BB

CSS Examples

Text

The CSS property to change the color of the text to Hex A2A6D8 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 #A2A6D8 looks like.

```
.text, #text, p{  
    color:#A2A6D8  
}
```

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 #A2A6D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2A6D8
}
```

Border

The CSS property to change the border of an element to Hex A2A6D8 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
#A2A6D8 }
```

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

```
.border{ border-color:#A2A6D8 }
```

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

Here you see how a box with a 4 pixel #A2A6D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2A6D8; -webkit-box-shadow:4px 4px  
4px 4px #A2A6D8; box-shadow:4px 4px 4px  
4px #A2A6D8 }
```

Background

The CSS property to change the background color of an element to Hex A2A6D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2A6D8 }
```

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

```
.background{ background-color:#A2A6D8 }
```

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