

Converting Colors

Hex(A8B6D2)

Have a look what the booklet for
Hex(A8B6D2) contains.

Hex(A8B6D2)	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(A8B6D2)

Conversions

Conversions Part 1

Format	Color
Hex	A8B6D2
RGB	168, 182, 210
RGB Percent	66%, 71%, 82%
CMY	0.3412, 0.2863, 0.1765
CMYK	0.20, 0.13, 0.00, 0.18
HSL	220°, 32%, 74%
HSV	220°, 20%, 82%
XYZ	44.5093, 46.4339, 67.5895
YIQ	181.0060, -17.3320, 5.7400

Conversions

Conversions Part 2

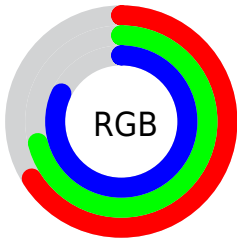
Format	Color
RYB	168, 179, 210
Decimal	11056850
CIELab	73.83, 1.09, -15.74
CIELCh	74, 15.775, 273.978
Yxy	46.4339, 0.2808, 0.2929
Android (android.graphics.Color)	4289246930 (0xFFA8B6D2)
YUV	181.0060, 14.2940, -11.4063
Hunter-Lab	68.1424, -2.6566, -11.1093

Details

The Hex color **A8B6D2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D2C4A8**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E0EEFF**, and **73819B** is the 20% darker color. If you saturate the color by 10%, you get **93A8D2**, and if you desaturate by 10%, it is **BDC4D2**.

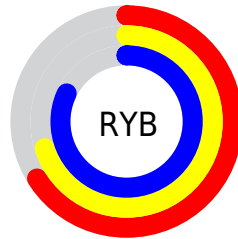
Distribution



Red (66%)

Green (71%)

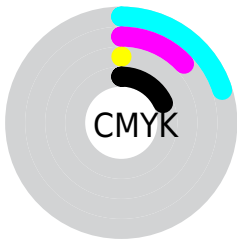
Blue (82%)



Red (66%)

Yellow (70%)

Blue (82%)

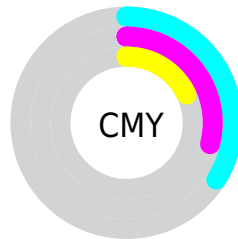


Cyan (20%)

Magenta (13%)

Yellow (0%)

Black (18%)



Cyan (34%)

Magenta (29%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8B6D2 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 A8B6D2 by changing the saturation by 10% instead.

 A8B6D2

 A8B6D2

FFFFFF

 8D9BB6

 E0EEFF

 73819B

 FCFFFF

 5A6881

 425068

 2B3950

 142439

 000E24

 00000C

 000000

 A8B6D2

 A8B6D2

 93A8D2

 BDC4D2

 7E9AD2

 D2D2D2

 698CD2

 E7E0D2

 547ED2

 FCEED2

 3F70D2

 FFFCD2

 2A62D2

 FFFF2D2

 1554D2

 0046D2

Harmonies

Analogous

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



98BACF



A8B6D2



BBB1CD

Triad

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



A8B6D2



D4ADA6



9FBDA8

Complementary

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



A8B6D2



D2C4A8

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.



AFB99D



A8B6D2



CCB09C

Square

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



A8B6D2



D3ABB4



BFB599



93BEB7

Rectangle

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



A8B6D2



C6AEC7



BFB599



A4BCA4

Sweetspot

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



A8B6D2



F0F5FF



A8D2C4



777A80



000000



808080

Same Dimension

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



A8B6D2



C2D6FF



AFA8D2



5E6269



0038A8



000E29

Inverse Universe

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



D2A8B6



FFC2D6



CBD2A8



695E62



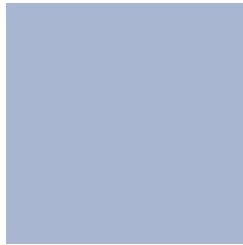
A80038



29000E

Previews

White Background



This preview shows how the Hex color A8B6D2 looks on a white background.

Color Contrast Check

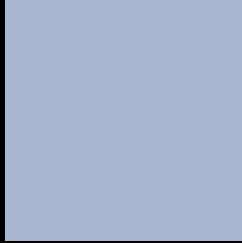
Large Text (above 18pt) WCAG AA × Fail

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 A8B6D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

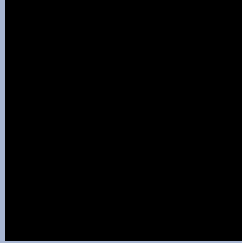
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

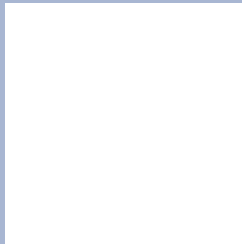
Any Text WCAG AAA ✓ Pass

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

Hex A8B6D2 Background



This preview shows how black text looks on a background with the Hex color A8B6D2.



This preview shows how white text looks on a background with the Hex color A8B6D2.

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
A8B6D2

Protanopia
B0B4D1

Deuteranopia
B8B1D3



Tritanopia
A6B8C7

Trichromacy



Original Color
A8B6D2

Protanomaly
ADB5D1

Deuteranomaly
B2B3D3

Tritanomaly
A7B7CB

Monochromacy



Original Color
A8B6D2

Achromatopsia
B5B5B5

Achromatomaly
B0B5C0

CSS Examples

Text

The CSS property to change the color of the text to Hex A8B6D2 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 #A8B6D2 looks like.

```
.text, #text, p{  
    color:#A8B6D2  
}
```

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 #A8B6D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8B6D2
}
```

Border

The CSS property to change the border of an element to Hex A8B6D2 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
#A8B6D2 }
```

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

```
.border{ border-color:#A8B6D2 }
```

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

Here you see how a box with a 4 pixel #A8B6D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8B6D2; -webkit-box-shadow:4px 4px  
4px 4px #A8B6D2; box-shadow:4px 4px 4px  
4px #A8B6D2 }
```

Background

The CSS property to change the background color of an element to Hex A8B6D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8B6D2 }
```

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

```
.background{ background-color:#A8B6D2 }
```

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