

Converting Colors

Hex(A680B8)

Have a look what the booklet for
Hex(A680B8) contains.

Hex(A680B8)	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(A680B8)

Conversions

Conversions Part 1

Format	Color
Hex	A680B8
RGB	166, 128, 184
RGB Percent	65%, 50%, 72%
CMY	0.3490, 0.4980, 0.2784
CMYK	0.10, 0.30, 0.00, 0.28
HSL	281°, 28%, 61%
HSV	281°, 30%, 72%
XYZ	32.0968, 27.0060, 48.8684
YIQ	145.7460, 4.6720, 25.4720

Conversions

Conversions Part 2

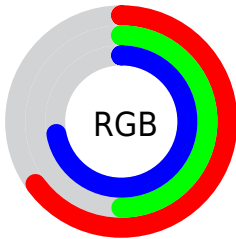
Format	Color
R _Y B	166, 128, 184
Decimal	10911928
CIE Lab	58.98, 25.00, -23.85
CIE LCh	59, 34.550, 316.343
Yxy	27.0060, 0.2973, 0.2501
Android (android.graphics.Color)	4289102008 (0xFFA680B8)
YUV	145.7460, 18.8592, 17.7628
Hunter-Lab	51.9673, 19.3049, -19.3773

Details

The Hex color **A680B8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **92B880**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **DEB5F0**, and **714E83** is the 20% darker color. If you saturate the color by 10%, you get **A06EB8**, and if you desaturate by 10%, it is **AC92B8**.

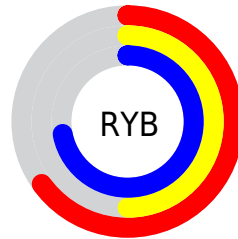
Distribution



Red (65%)

Green (50%)

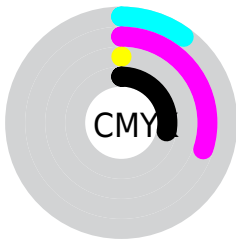
Blue (72%)



Red (65%)

Yellow (50%)

Blue (72%)

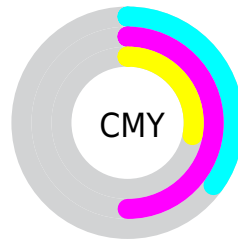


Cyan (10%)

Magenta (30%)

Yellow (0%)

Black (28%)



Cyan (35%)

Magenta (50%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color A680B8 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 A680B8 by changing the saturation by 10% instead.

 A680B8

 A680B8

FFFFFF

 8B679D

 DEB5F0

 714E83

 FAD1FF

 583769

 FFEDFF

 402051

 290B3A

 160024

 00000C

 000000

 A680B8

 A680B8

 A06EB8

 AC92B8

 9A5BB8

 B2A5B8

 9449B8

 B8B7B8

 8E36B8

 BECAB8

 8824B8

 C4DCB8

 8312B8

 C9EEB8

 7D00B8

 CFFFB8

 D5FFB8

 DBFFB8

Harmonies

Analogous

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



7C8BC8



A680B8



C0789D

Triad

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



A680B8



AE8753



0C9E9E

Complementary

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



A680B8



92B880

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.



479D7F



A680B8



919153

Square

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



A680B8



C27D63



6F9963



009BB9

Rectangle

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



A680B8



C87689



6F9963



259E94

Sweetspot

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



A680B8



E9DAF0



8093B8



746B78



F7F7F7



787878

Same Dimension

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



A680B8



D397F0



B880AF



59535C



6A009C



13001C

Inverse Universe

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



B88092



F097B4



80B889



5C5356



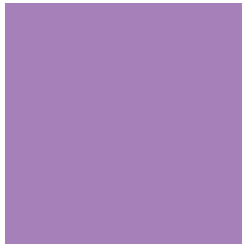
9C0032



1C0009

Previews

White Background



This preview shows how the Hex color A680B8 looks on a white background.

Color Contrast Check

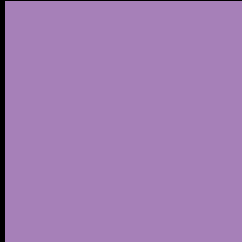
Large Text (above 18pt) WCAG AA ✓ Pass

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 A680B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

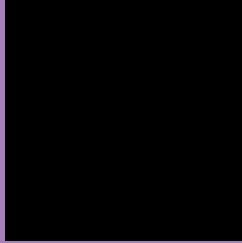
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex A680B8 Background



This preview shows how black text looks on a background with the Hex color A680B8.

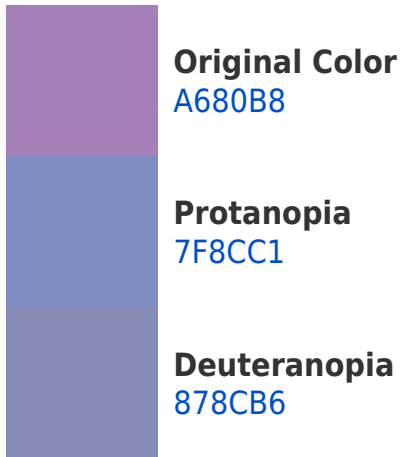


This preview shows how white text looks on a background with the Hex color A680B8.

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](#).

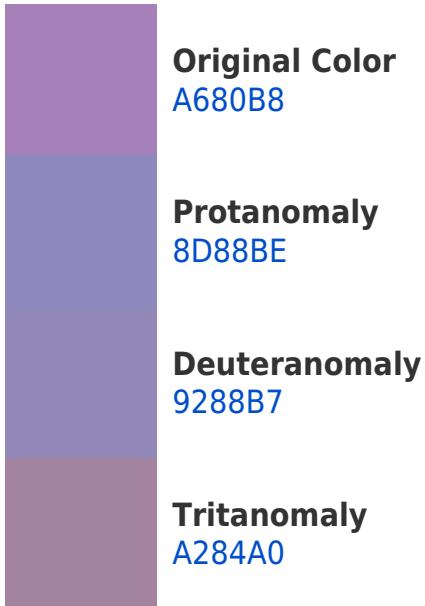
Dichromacy



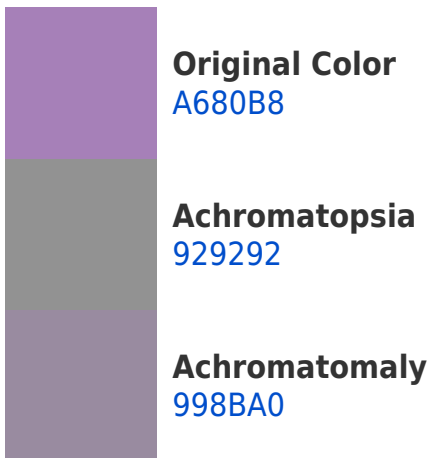


Tritanopia
A08792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A680B8 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 #A680B8 looks like.

```
.text, #text, p{  
    color:#A680B8  
}
```

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 #A680B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A680B8
}
```

Border

The CSS property to change the border of an element to Hex A680B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

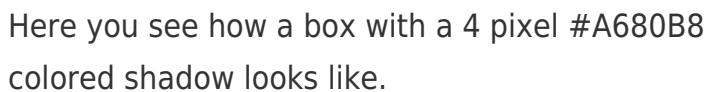
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A680B8 }
```

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

```
.border{ border-color:#A680B8 }
```

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



Here you see how a box with a 4 pixel #A680B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A680B8; -webkit-box-shadow:4px 4px  
4px 4px #A680B8; box-shadow:4px 4px 4px  
4px #A680B8 }
```

Background

The CSS property to change the background color of an element to Hex A680B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A680B8 }
```

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

```
.background{ background-color:#A680B8 }
```

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