

Converting Colors

Hex(680ADB)

Have a look what the booklet for
Hex(680ADB) contains.

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Color

Hex(680ADB)

Conversions

Conversions Part 1

Format	Color
Hex	680ADB
RGB	104, 10, 219
RGB Percent	41%, 4%, 86%
CMY	0.5922, 0.9608, 0.1412
CMYK	0.53, 0.95, 0.00, 0.14
HSL	267°, 91%, 45%
HSV	267°, 95%, 86%
XYZ	18.6036, 8.2746, 67.6345
YIQ	61.9320, -11.0650, 84.9270

Conversions

Conversions Part 2

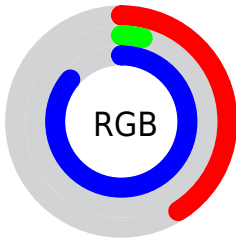
Format	Color
R_{YB}	104, 10, 219
Decimal	6818523
CIE _{Lab}	34.55, 72.43, -83.49
CIE _{LCh}	35, 110.530, 310.939
Yxy	8.2746, 0.1968, 0.0876
Android (android.graphics.Color)	4285008603 (0xFF680ADB)
YUV	61.9320, 77.4345, 36.8936
Hunter-Lab	28.7656, 65.1018, -119.2682

Details

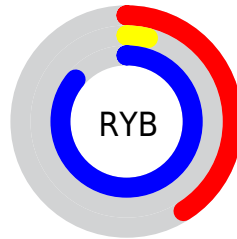
The Hex color **680ADB** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **7DDB0A**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **A64FFF**, and **1A00A2** is the 20% darker color. If you saturate the color by 10%, you get **6200DB**, and if you desaturate by 10%, it is **7420DB**.

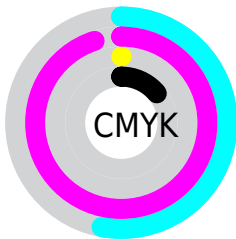
Distribution



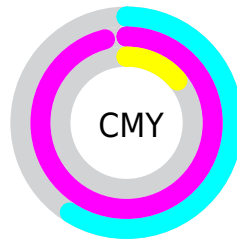
- Red (41%)
- Green (4%)
- Blue (86%)



- Red (41%)
- Yellow (4%)
- Blue (86%)



- Cyan (53%)
- Magenta (95%)
- Yellow (0%)
- Black (14%)



- Cyan (59%)
- Magenta (96%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 680ADB 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 680ADB by changing the saturation by 10% instead.

680ADB

680ADB

FFFFFF

4600BE

A64FFF

1A00A2

C56BFF

000087

E486FF

00006D

FFA3FF

000753

FFBFFF

00063B

FFDCFF

000224

FFFAFF

00000C

000000

■ 680ADB

■ 680ADB

■ 6200DB

■ 7420DB

■ 8036DB

■ 8C4CDB

■ 9862DB

■ A478DB

■ B08DDB

■ BCA3DB

■ C8B9DB

■ D4CFDB

Harmonies

Analogous

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



0058FF



680ADB



C7008D

Triad

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



680ADB



8F3400



006D71

Complementary

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



680ADB



7DDB0A

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.



006A0A



680ADB



465900

Square

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



680ADB



C30000



006600



006FC7

Rectangle

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



680ADB



DA0053



006600



006C52

Sweetspot

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



680ADB



D6B5FF



0A80DB



675380



000000



808080

Same Dimension

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



680ADB



7300FF



CD0ADB



68636E



4E00AD



15002E

Inverse Universe

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



DB0A7D



FF008C



18DB0A



6E6369



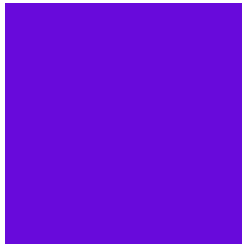
AD005F



2E0019

Previews

White Background



This preview shows how the Hex color 680ADB looks on a white background.

Color Contrast Check

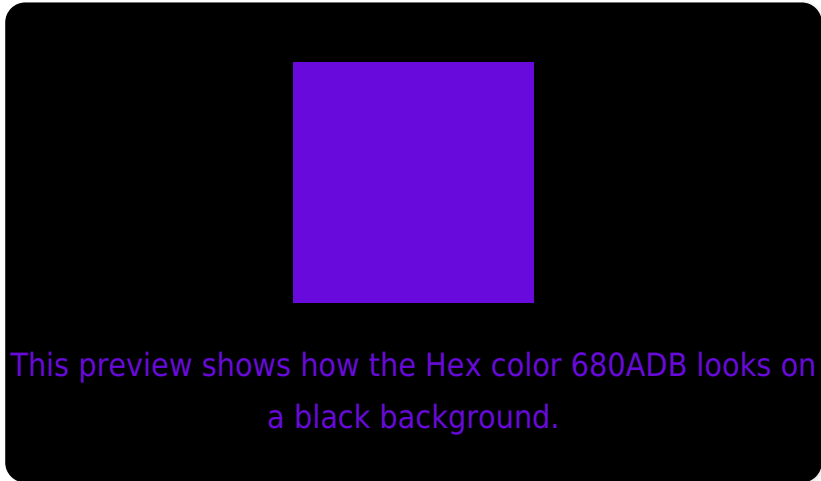
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

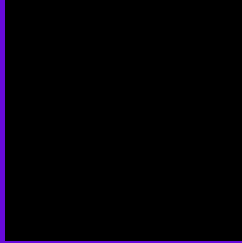
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 680ADB Background



This preview shows how black text looks on a background with the Hex color 680ADB.

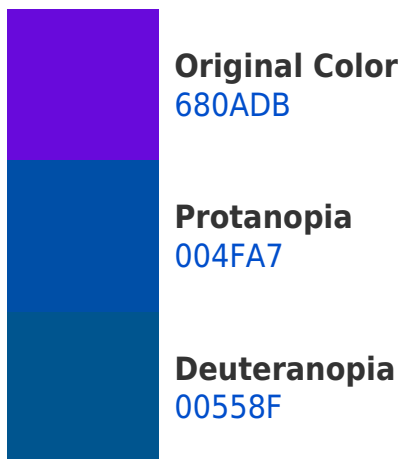


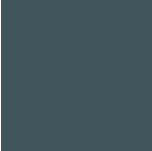
This preview shows how white text looks on a background with the Hex color 680ADB.

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
41565C

Trichromacy



Original Color
680ADB



Protanomaly
2636BA



Deuteranomaly
263AAB



Tritanomaly
4F3A8A

Monochromacy



Original Color
680ADB



Achromatopsia
3E3E3E



Achromatomaly
4D2B77

CSS Examples

Text

The CSS property to change the color of the text to Hex 680ADB 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 #680ADB looks like.

```
.text, #text, p{  
  color:#680ADB  
}
```

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 #680ADB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680ADB
}
```

Border

The CSS property to change the border of an element to Hex 680ADB is called "border". The border property can be set on classes, ids or directly on the HTML element.

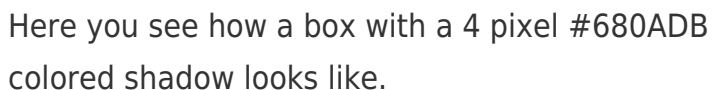
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#680ADB }
```

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

```
.border{ border-color:#680ADB }
```

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



Here you see how a box with a 4 pixel #680ADB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680ADB; -webkit-box-shadow:4px 4px  
4px 4px #680ADB; box-shadow:4px 4px 4px  
4px #680ADB }
```

Background

The CSS property to change the background color of an element to Hex 680ADB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680ADB }
```

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

```
.background{ background-color:#680ADB }
```

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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