

Converting Colors

Hex(6A00B8)

Have a look what the booklet for
Hex(6A00B8) contains.

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Color

Hex(6A00B8)

Conversions

Conversions Part 1

Format	Color
Hex	6A00B8
RGB	106, 0, 184
RGB Percent	42%, 0%, 72%
CMY	0.5843, 1.0000, 0.2784
CMYK	0.42, 1.00, 0.00, 0.28
HSL	275°, 100%, 36%
HSV	275°, 100%, 72%
XYZ	14.5956, 6.5249, 45.8376
YIQ	52.6700, 4.1120, 79.6960

Conversions

Conversions Part 2

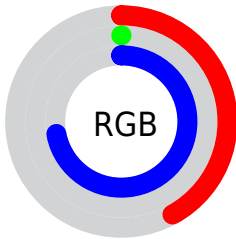
Format	Color
R_{YB}	106, 0, 184
Decimal	6947000
CIE _{Lab}	30.70, 66.46, -69.38
CIE _{LCh}	31, 96.072, 313.769
Yxy	6.5249, 0.2180, 0.0974
Android (android.graphics.Color)	4285137080 (0xFF6A00B8)
YUV	52.6700, 64.7457, 46.7704
Hunter-Lab	25.5438, 57.2922, -88.5133

Details

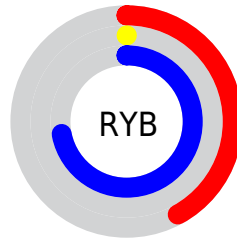
The Hex color **6A00B8** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **4EB800**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **A548F1**, and **2B0081** is the 20% darker color. If you saturate the color by 10%, you get **6A00B8**, and if you desaturate by 10%, it is **7212B8**.

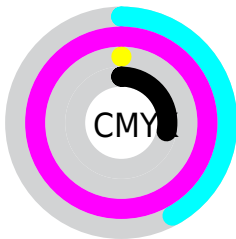
Distribution



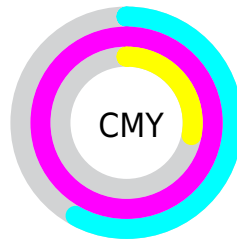
- Red (42%)
- Green (0%)
- Blue (72%)



- Red (42%)
- Yellow (0%)
- Blue (72%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (58%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A00B8 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 6A00B8 by changing the saturation by 10% instead.

 6A00B8

 6A00B8

FFFFFF

 4C009C

 A548F1

 2B0081

 C264FF

 000068

 E080FF

 00004E

 FF9BFF

 000536

 FFB8FF

 000220

 FFD4FF

 000004

 FFF2FF

 000000


 6A00B8

 7212B8

 7A25B8

 8137B8

 894AB8

 915CB8

 996EB8

 A181B8

 A893B8

 B0A6B8

Harmonies

Analogous

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



004AE0



6A00B8



B10074

Triad

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



6A00B8



793400



00616B

Complementary

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



6A00B8



4EB800

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.



005F19



6A00B8



385000

Square

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



6A00B8



A70000



005B00



0062B2

Rectangle

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



6A00B8



BF0043



005B00



006051

Sweetspot

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



6A00B8



D1A8F0



0050B8



664D78



F7F7F7



787878

Same Dimension

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



6A00B8



8A00F0



B800AC



58535C



5A009C



10001C

Inverse Universe

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



B8004E



F00066



00B80C



5C5357



9C0042



1C000C

Previews

White Background



This preview shows how the Hex color 6A00B8 looks on a white background.

Color Contrast Check

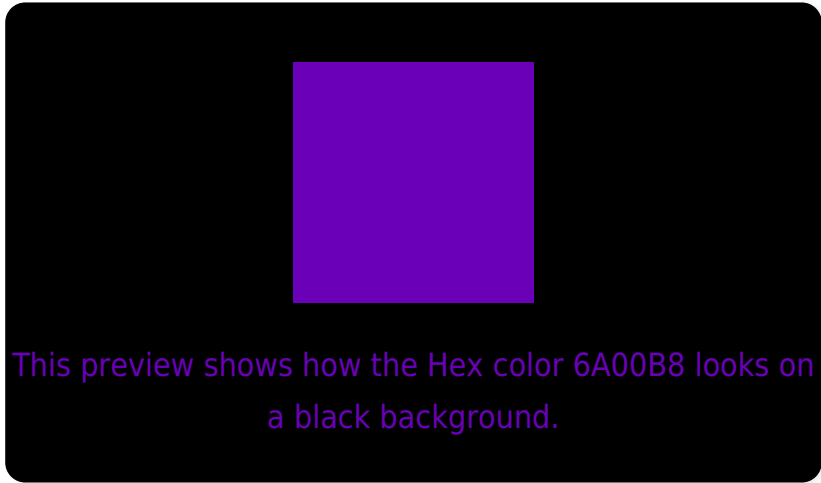
Large Text (above 18pt) WCAG AA ✓ Pass

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

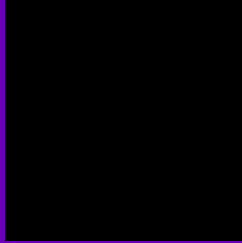
Any Text WCAG AA × Fail

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 6A00B8 Background



This preview shows how black text looks on a background with the Hex color 6A00B8.

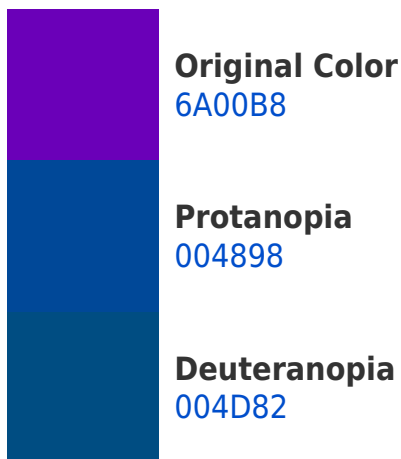


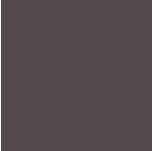
This preview shows how white text looks on a background with the Hex color 6A00B8.

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
52484D

Trichromacy



Original Color
6A00B8



Protanomaly
272EA4



Deuteranomaly
273196



Tritanomaly
5B2E74

Monochromacy



Original Color
6A00B8



Achromatopsia
353535



Achromatomaly
482265

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A00B8 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 #6A00B8 looks like.

```
.text, #text, p{  
    color:#6A00B8  
}
```

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 #6A00B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A00B8
}
```

Border

The CSS property to change the border of an element to Hex 6A00B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

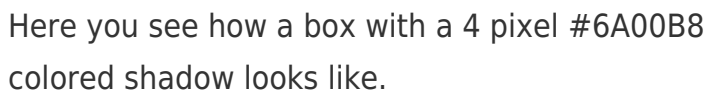
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A00B8 }
```

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

```
.border{ border-color:#6A00B8 }
```

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



Here you see how a box with a 4 pixel #6A00B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A00B8; -webkit-box-shadow:4px 4px  
4px 4px #6A00B8; box-shadow:4px 4px 4px  
4px #6A00B8 }
```

Background

The CSS property to change the background color of an element to Hex 6A00B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A00B8 }
```

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

```
.background{ background-color:#6A00B8 }
```

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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