

Converting Colors

Hex(6A0AB9)

Have a look what the booklet for
Hex(6A0AB9) contains.

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Color

Hex(6A0AB9)

Conversions

Conversions Part 1

Format	Color
Hex	6A0AB9
RGB	106, 10, 185
RGB Percent	42%, 4%, 73%
CMY	0.5843, 0.9608, 0.2745
CMYK	0.43, 0.95, 0.00, 0.27
HSL	273°, 90%, 38%
HSV	273°, 95%, 73%
XYZ	14.8094, 6.7840, 46.4279
YIQ	58.6540, 1.0410, 74.7770

Conversions

Conversions Part 2

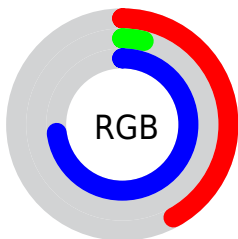
Format	Color
R _Y B	106, 10, 185
Decimal	6949561
CIE Lab	31.31, 65.13, -68.97
CIE LCh	31, 94.858, 313.361
Yxy	6.7840, 0.2177, 0.0997
Android (android.graphics.Color)	4285139641 (0xFF6A0AB9)
YUV	58.6540, 62.2886, 41.5224
Hunter-Lab	26.0462, 55.9108, -87.4533

Details

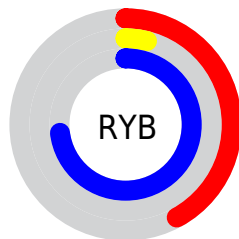
The Hex color **6A0AB9** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **59B90A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A54CF2**, and **2B0082** is the 20% darker color. If you saturate the color by 10%, you get **6500B9**, and if you desaturate by 10%, it is **721CB9**.

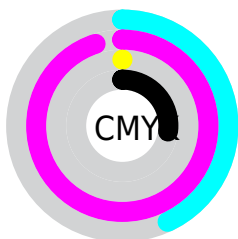
Distribution



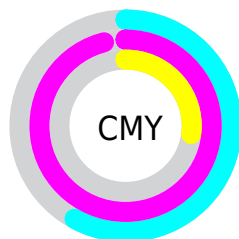
- Red (42%)
- Green (4%)
- Blue (73%)



- Red (42%)
- Yellow (4%)
- Blue (73%)



- Cyan (43%)
- Magenta (95%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (96%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A0AB9 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 6A0AB9 by changing the saturation by 10% instead.

 6A0AB9

 6A0AB9

FFFFFF

 4C009D

 A54CF2

 2B0082

 C267FF

 000068

 E083FF

 00004F


 FF9EFF

 000537

 FFBBFF

 000221

 FFD7FF

 000005

 FFF5FF

 000000

 6A0AB9

 6A0AB9

6500B9

721CB9

7B2FB9

8341B9

8B54B9

9467B9

9C79B9

A48BB9

AD9EB9

B5B1B9

Harmonies

Analogous

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



004CE0



6A0AB9



B10076

Triad

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



6A0AB9



7B3600



00626B

Complementary

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



6A0AB9



59B90A

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.



006019



6A0AB9



3B5100

Square

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



6A0AB9



A90000



005C00



0064B1

Rectangle

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



6A0AB9



BF0046



005C00



006251

Sweetspot

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



6A0AB9



D1ADF0



0A5CB9



654F78



F7F7F7



787878

Same Dimension

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



6A0AB9



8300F0



B90AB3



58535C



55009C



0F001C

Inverse Universe

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



B90A59



F0006C



0AB910



5C5357



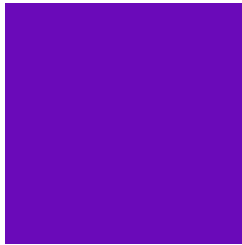
9C0046



1C000D

Previews

White Background



This preview shows how the Hex color 6A0AB9 looks on a white background.

Color Contrast Check

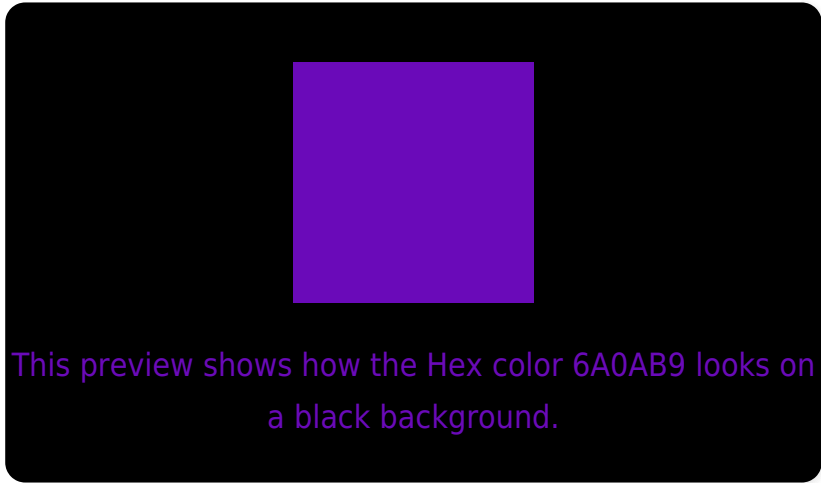
Large Text (above 18pt) WCAG AA ✓ Pass

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

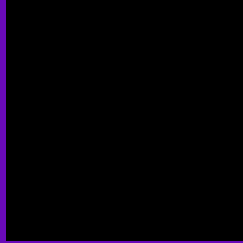
Any Text WCAG AA × Fail

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 6A0AB9 Background



This preview shows how black text looks on a background with the Hex color 6A0AB9.

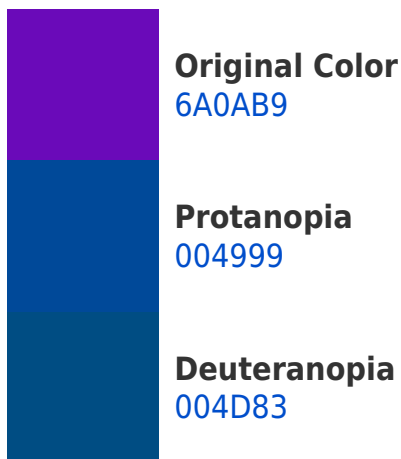


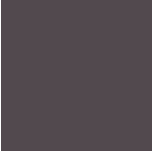
This preview shows how white text looks on a background with the Hex color 6A0AB9.

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
52494E

Trichromacy



Original Color
6A0AB9



Protanomaly
2732A5



Deuteranomaly
273597



Tritanomaly
5B3275

Monochromacy



Original Color
6A0AB9



Achromatopsia
3B3B3B



Achromatomaly
4C2969

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A0AB9 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 #6A0AB9 looks like.

```
.text, #text, p{  
    color:#6A0AB9  
}
```

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 #6A0AB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0AB9
}
```

Border

The CSS property to change the border of an element to Hex 6A0AB9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

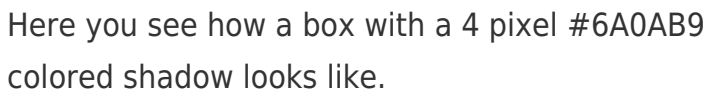
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A0AB9 }
```

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

```
.border{ border-color:#6A0AB9 }
```

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



Here you see how a box with a 4 pixel #6A0AB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A0AB9; -webkit-box-shadow:4px 4px  
4px 4px #6A0AB9; box-shadow:4px 4px 4px  
4px #6A0AB9 }
```

Background

The CSS property to change the background color of an element to Hex 6A0AB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A0AB9 }
```

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

```
.background{ background-color:#6A0AB9 }
```

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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