

Converting Colors

Hex(6A09DC)

Have a look what the booklet for
Hex(6A09DC) contains.

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Color

Hex(6A09DC)

Conversions

Conversions Part 1

Format	Color
Hex	6A09DC
RGB	106, 9, 220
RGB Percent	42%, 4%, 86%
CMY	0.5843, 0.9647, 0.1373
CMYK	0.52, 0.96, 0.00, 0.14
HSL	268°, 92%, 45%
HSV	268°, 96%, 86%
XYZ	18.9598, 8.4269, 68.3374
YIQ	62.0570, -9.9190, 86.1850

Conversions

Conversions Part 2

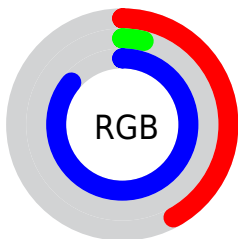
Format	Color
R_{YB}	106, 9, 220
Decimal	6949340
CIE _{Lab}	34.86, 72.94, -83.55
CIE _{LCh}	35, 110.910, 311.120
Yxy	8.4269, 0.1981, 0.0880
Android (android.graphics.Color)	4285139420 (0xFF6A09DC)
YUV	62.0570, 77.8659, 38.5380
Hunter-Lab	29.0290, 65.7833, -119.2545

Details

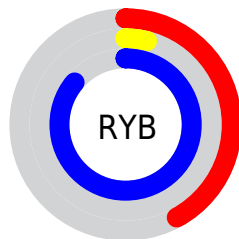
The Hex color **6A09DC** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **7BDC09**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **A84FFF**, and **1E00A3** is the 20% darker color. If you saturate the color by 10%, you get **6500DC**, and if you desaturate by 10%, it is **761FDC**.

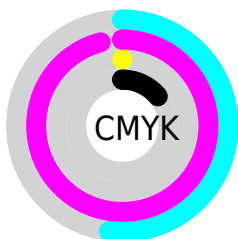
Distribution



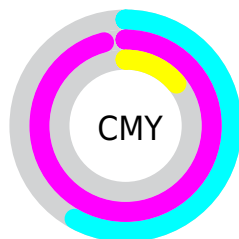
- Red (42%)
- Green (4%)
- Blue (86%)



- Red (42%)
- Yellow (4%)
- Blue (86%)



- Cyan (52%)
- Magenta (96%)
- Yellow (0%)
- Black (14%)



- Cyan (58%)
- Magenta (96%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A09DC 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 6A09DC by changing the saturation by 10% instead.

 6A09DC

 6A09DC

FFFFFF

 4800BF

 A84FFF

 1E00A3

 C76BFF

 000088

 E687FF

 00006E

 FFA3FF

 000554

 FFBFFF

 00063C

 FFDCFF

 000225

 FFFAFF

 00010E

 000000

■ 6A09DC

■ 6A09DC

■ 6500DC

■ 761FDC

■ 8235DC

■ 8E4BDC

■ 9A61DC

■ A577DC

■ B18DDC

■ BDA3DC

■ C9B9DC

■ D5CFDC

Harmonies

Analogous

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



0058FF



6A09DC



C9008E

Triad

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



6A09DC



903500



006E73

Complementary

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



6A09DC



7BDC09

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.



006B0B



6A09DC



465900

Square

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



6A09DC



C40000



006700



0070C8

Rectangle

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



6A09DC



DC0054



006700



006D54

Sweetspot

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



6A09DC



D7B5FF



097DDC



675380



000000



808080

Same Dimension

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



6A09DC



7500FF



D109DC



68636E



5000AD



15002E

Inverse Universe

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



DC097B



FF008A



14DC09



6E6369



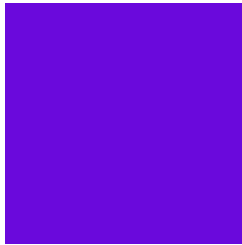
AD005E



2E0019

Previews

White Background



This preview shows how the Hex color 6A09DC looks on a white background.

Color Contrast Check

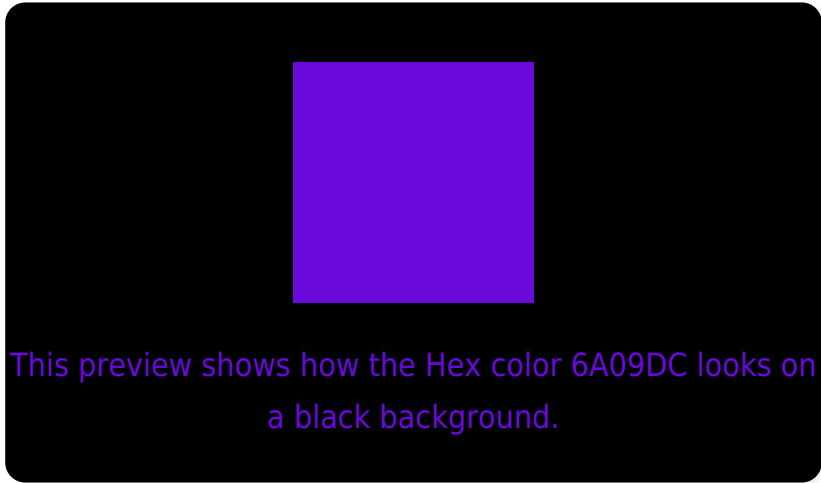
Large Text (above 18pt) WCAG AA ✓ Pass

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

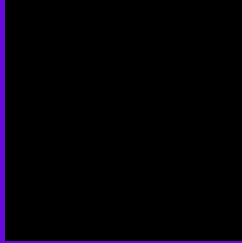
Any Text WCAG AA × Fail

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 6A09DC Background



This preview shows how black text looks on a background with the Hex color 6A09DC.

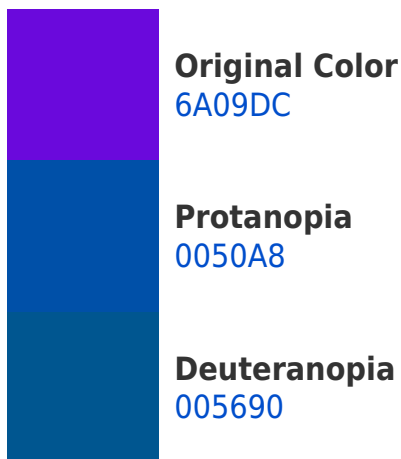


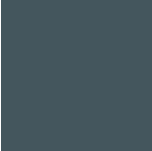
This preview shows how white text looks on a background with the Hex color 6A09DC.

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
44565D

Trichromacy



Original Color
6A09DC



Protanomaly
2736BB



Deuteranomaly
273AAC



Tritanomaly
523A8B

Monochromacy



Original Color
6A09DC



Achromatopsia
3E3E3E



Achromatomaly
4E2B77

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A09DC 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 #6A09DC looks like.

```
.text, #text, p{  
    color:#6A09DC  
}
```

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 #6A09DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A09DC
}
```

Border

The CSS property to change the border of an element to Hex 6A09DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

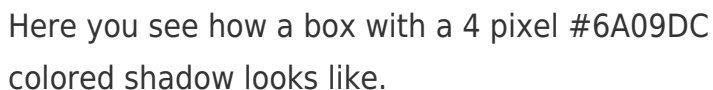
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A09DC }
```

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

```
.border{ border-color:#6A09DC }
```

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



Here you see how a box with a 4 pixel #6A09DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A09DC; -webkit-box-shadow:4px 4px  
4px 4px #6A09DC; box-shadow:4px 4px 4px  
4px #6A09DC }
```

Background

The CSS property to change the background color of an element to Hex 6A09DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A09DC }
```

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

```
.background{ background-color:#6A09DC }
```

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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