

Converting Colors

Hex(6D01DA)

Have a look what the booklet for
Hex(6D01DA) contains.

Hex(6D01DA)	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(6D01DA)

Conversions

Conversions Part 1

Format	Color
Hex	6D01DA
RGB	109, 1, 218
RGB Percent	43%, 0%, 85%
CMY	0.5725, 0.9961, 0.1451
CMYK	0.50, 1.00, 0.00, 0.15
HSL	270°, 99%, 43%
HSV	270°, 100%, 85%
XYZ	18.9724, 8.3349, 66.9385
YIQ	58.0300, -5.2890, 90.3830

Conversions

Conversions Part 2

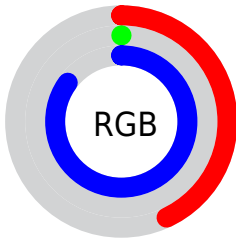
Format	Color
R_{YB}	109, 1, 218
Decimal	7143898
CIE _{Lab}	34.67, 73.80, -82.70
CIE _{LCh}	35, 110.841, 311.748
Yxy	8.3349, 0.2013, 0.0884
Android (android.graphics.Color)	4285333978 (0xFF6D01DA)
YUV	58.0300, 78.8652, 44.7007
Hunter-Lab	28.8702, 66.7808, -117.2609

Details

The Hex color **6D01DA** 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 **6EDA01**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **AB4DFF**, and **2400A1** is the 20% darker color. If you saturate the color by 10%, you get **6C00DA**, and if you desaturate by 10%, it is **7817DA**.

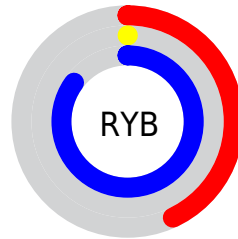
Distribution



Red (43%)

Green (0%)

Blue (85%)



Red (43%)

Yellow (0%)

Blue (85%)

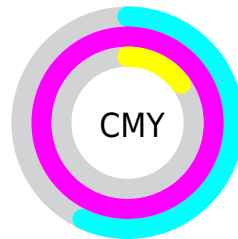


Cyan (50%)

Magenta (100%)

Yellow (0%)

Black (15%)



Cyan (57%)

Magenta (100%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D01DA 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 6D01DA by changing the saturation by 10% instead.

 6D01DA

 6D01DA

FFFFFF

 4C00BD

 AB4DFF

 2400A1

 CA69FF

 000086

 E885FF

 00006C

 FFA1FF

 000552

 FFBEFF

 00063A

 FFDBFF

 000224

 FFF8FF

 00000B

 000000

■ 6D01DA

■ 6D01DA

■ 6C00DA

■ 7817DA

■ 832DDA

■ 8E42DA

■ 9958DA

■ A46EDA

■ AF84DA

■ BA9ADA

■ C5AFDA

■ D0C5DA

Harmonies

Analogous

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



0057FF



6D01DA



C9008B

Triad

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



6D01DA



8E3600



006D74

Complementary

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



6D01DA



6EDA01

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.



006B0F



6D01DA



435900

Square

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



6D01DA



C30000



006600



0070C9

Rectangle

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



6D01DA



DB0051



006600



006C55

Sweetspot

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



6D01DA



D9B3FF



0171DA



685280



000000



808080

Same Dimension

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



6D01DA



7F00FF



D601DA



68636E



5600AD



17002E

Inverse Universe

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



DA016E



FF0080



05DA01



6E6368



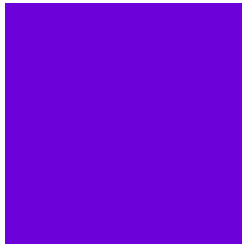
AD0057



2E0017

Previews

White Background



This preview shows how the Hex color 6D01DA looks on a white background.

Color Contrast Check

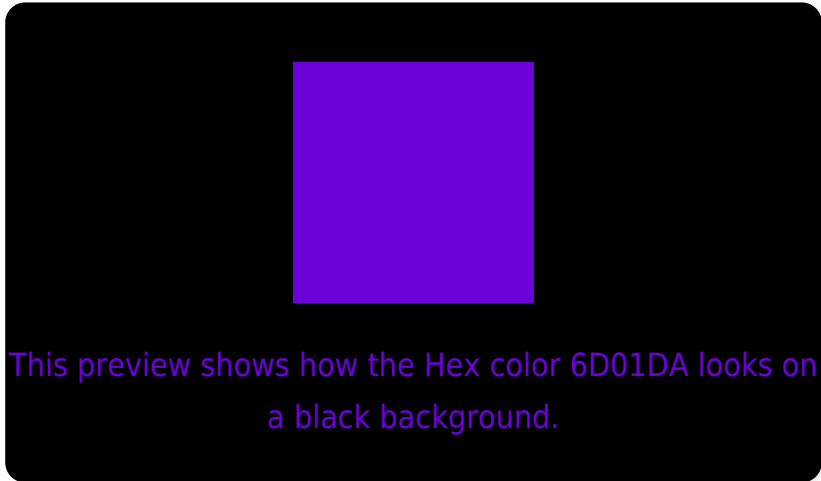
Large Text (above 18pt) WCAG AA ✓ Pass

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

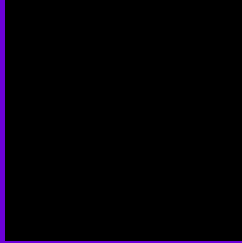
Any Text WCAG AA × Fail

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 6D01DA Background



This preview shows how black text looks on a background with the Hex color 6D01DA.



This preview shows how white text looks on a background with the Hex color 6D01DA.

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](#).

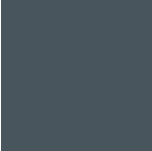
Dichromacy



Original Color
6D01DA

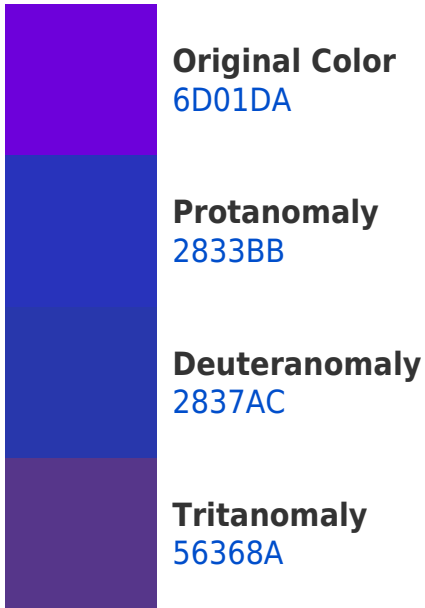
Protanopia
0050A9

Deuteranopia
005691

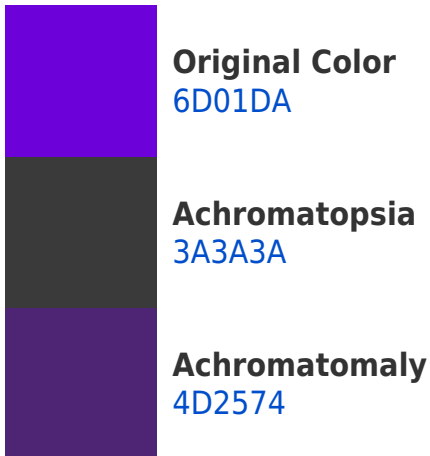


Tritanopia
49555C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D01DA 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 #6D01DA looks like.

```
.text, #text, p{  
    color:#6D01DA  
}
```

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 #6D01DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D01DA
}
```

Border

The CSS property to change the border of an element to Hex 6D01DA 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".

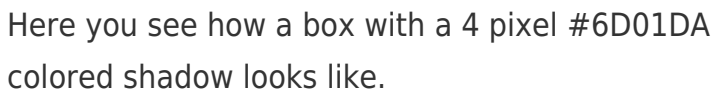
```
.border, #border, table{ border:4px solid
#6D01DA }
```

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

```
.border{ border-color:#6D01DA }
```

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

Here you see how a box with a 4 pixel #6D01DA colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6D01DA colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D01DA; -webkit-box-shadow:4px 4px  
4px 4px #6D01DA; box-shadow:4px 4px 4px  
4px #6D01DA }
```

Background

The CSS property to change the background color of an element to Hex 6D01DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D01DA }
```

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

```
.background{ background-color:#6D01DA }
```

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