

Converting Colors

Hex(6D1AC9)

Have a look what the booklet for
Hex(6D1AC9) contains.

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Color

Hex(6D1AC9)

Conversions

Conversions Part 1

Format	Color
Hex	6D1AC9
RGB	109, 26, 201
RGB Percent	43%, 10%, 79%
CMY	0.5725, 0.8980, 0.2118
CMYK	0.46, 0.87, 0.00, 0.21
HSL	268°, 77%, 45%
HSV	268°, 87%, 79%
XYZ	17.2187, 8.2070, 55.9349
YIQ	70.7670, -6.7070, 72.0210

Conversions

Conversions Part 2

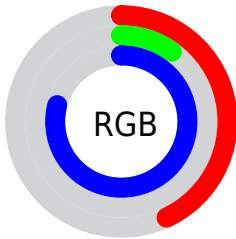
Format	Color
R_{YB}	109, 26, 201
Decimal	7150281
CIE _{Lab}	34.41, 65.63, -73.26
CIE _{LCh}	34, 98.361, 311.854
Yxy	8.2070, 0.2116, 0.1009
Android (android.graphics.Color)	4285340361 (0xFF6D1AC9)
YUV	70.7670, 64.2049, 33.5303
Hunter-Lab	28.6479, 57.1525, -95.7098

Details

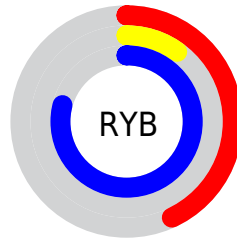
The Hex color **6D1AC9** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **76C91A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A955FF**, and **2C0091** is the 20% darker color. If you saturate the color by 10%, you get **6206C9**, and if you desaturate by 10%, it is **782EC9**.

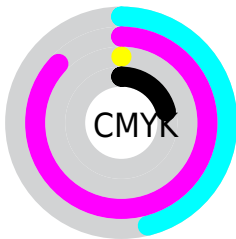
Distribution



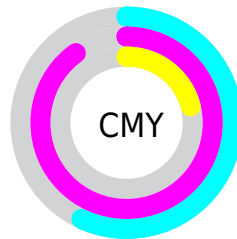
- Red (43%)
- Green (10%)
- Blue (79%)



- Red (43%)
- Yellow (10%)
- Blue (79%)



- Cyan (46%)
- Magenta (87%)
- Yellow (0%)
- Black (21%)



- Cyan (57%)
- Magenta (90%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D1AC9 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 6D1AC9 by changing the saturation by 10% instead.

6D1AC9

6D1AC9

FFFFFF

4E00AD

A955FF

2C0091

C770FF

000077

E58CFF

00005D

FFA7FF

000844

FFC4FF

00032D

FFE1FF

000117

FFFEFF

000000

6D1AC9

6D1AC9

■ 6206C9

■ 782EC9

■ 5F00C9

■ 8242C9

■ 8D56C9

■ 976AC9

■ A27FC9

■ AC93C9

■ B7A7C9

■ C2BBC9

■ CCCFC9

Harmonies

Analogous

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



0055F0



6D1AC9



BC0084

Triad

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



6D1AC9



893A00



006B70

Complementary

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



6D1AC9



76C91A

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.



006919



6D1AC9



475800

Square

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



6D1AC9



B80000



006400



006DBB

Rectangle

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



6D1AC9



CD0050



006400



006B54

Sweetspot

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



6D1AC9



DCBDFE



1A77C9



6B5880



000000



808080

Same Dimension

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



6D1AC9



7900FF



C31AC9



5E5A63



4D00A3



110024

Inverse Universe

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



C91A76



FF0086



20C91A



635A5F



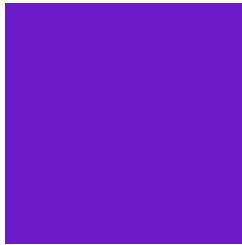
A30056



240013

Previews

White Background



This preview shows how the Hex color 6D1AC9 looks on a white background.

Color Contrast Check

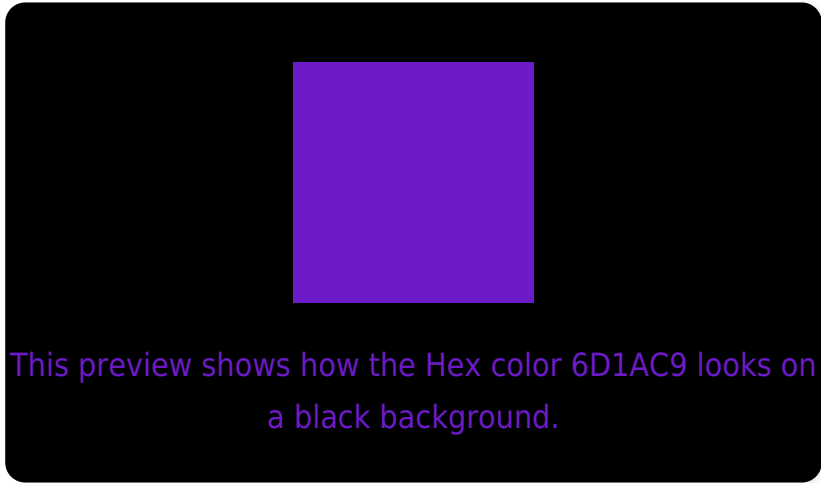
Large Text (above 18pt) WCAG AA ✓ Pass

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

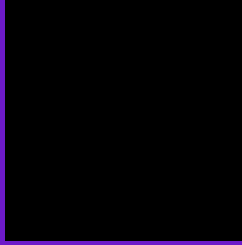
Any Text WCAG AA × Fail

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 6D1AC9 Background



This preview shows how black text looks on a background with the Hex color 6D1AC9.



This preview shows how white text looks on a background with the Hex color 6D1AC9.

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
6D1AC9

Protanopia
004FA6

Deuteranopia
00548E



Tritanopia
515157

Trichromacy



Original Color
6D1AC9



Protanomaly
283CB3



Deuteranomaly
283FA3



Tritanomaly
5B3D80

Monochromacy



Original Color
6D1AC9



Achromatopsia
474747



Achromatomaly
553776

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D1AC9 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 #6D1AC9 looks like.

```
.text, #text, p{  
    color:#6D1AC9  
}
```

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 #6D1AC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D1AC9
}
```

Border

The CSS property to change the border of an element to Hex 6D1AC9 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".

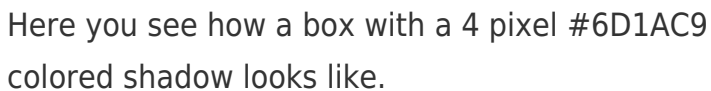
```
.border, #border, table{ border:4px solid
#6D1AC9 }
```

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

```
.border{ border-color:#6D1AC9 }
```

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

Here you see how a box with a 4 pixel #6D1AC9 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D1AC9; -webkit-box-shadow:4px 4px  
4px 4px #6D1AC9; box-shadow:4px 4px 4px  
4px #6D1AC9 }
```

Background

The CSS property to change the background color of an element to Hex 6D1AC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D1AC9 }
```

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

```
.background{ background-color:#6D1AC9 }
```

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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