

Converting Colors

Hex(6D11CA)

Have a look what the booklet for
Hex(6D11CA) contains.

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Color

Hex(6D11CA)

Conversions

Conversions Part 1

Format	Color
Hex	6D11CA
RGB	109, 17, 202
RGB Percent	43%, 7%, 79%
CMY	0.5725, 0.9333, 0.2078
CMYK	0.46, 0.92, 0.00, 0.21
HSL	270°, 84%, 43%
HSV	270°, 92%, 79%
XYZ	17.1678, 7.9164, 56.5003
YIQ	65.5980, -4.5530, 77.0390

Conversions

Conversions Part 2

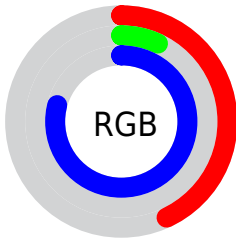
Format	Color
R_{YB}	109, 17, 202
Decimal	7147978
CIE _{Lab}	33.81, 67.95, -74.84
CIE _{LCh}	34, 101.083, 312.236
Yxy	7.9164, 0.2104, 0.0970
Android (android.graphics.Color)	4285338058 (0xFF6D11CA)
YUV	65.5980, 67.2462, 38.0636
Hunter-Lab	28.1361, 59.6774, -99.3656

Details

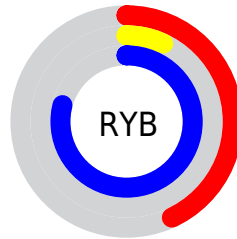
The Hex color **6D11CA** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **6ECA11**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A950FF**, and **2B0092** is the 20% darker color. If you saturate the color by 10%, you get **6400CA**, and if you desaturate by 10%, it is **7725CA**.

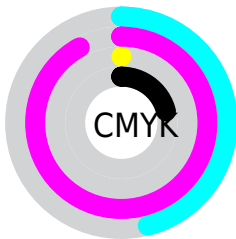
Distribution



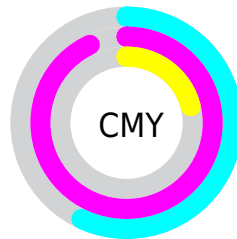
- Red (43%)
- Green (7%)
- Blue (79%)



- Red (43%)
- Yellow (7%)
- Blue (79%)



- Cyan (46%)
- Magenta (92%)
- Yellow (0%)
- Black (21%)



- Cyan (57%)
- Magenta (93%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D11CA 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 6D11CA by changing the saturation by 10% instead.

 6D11CA

 6D11CA

FFFFFF

 4E00AE

 A950FF

 2B0092

 C76CFF

 000078

 E588FF

 00005E

 FFA4FF

 000845

 FFC0FF

 00032E

 FFDDFF

 000118

 FFFAFF

 000000

 6D11CA

 6D11CA

6400CA

7725CA

8139CA

8B4ECA

9662CA

A076CA

AA8ACA

B49ECA

BEB3CA

C8C7CA

Harmonies

Analogous

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



0053F3



6D11CA



BD0083

Triad

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



6D11CA



873800



006A70

Complementary

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



6D11CA



6ECA11

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.



006817



6D11CA



435700

Square

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



6D11CA



B70000



006300



006CBD

Rectangle

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



6D11CA



CE004E



006300



006954

Sweetspot

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



6D11CA



DCBAFF



1171CA



6B5780



000000



808080

Same Dimension

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



6D11CA



7F00FF



C711CA



615C66



5200A6



130026

Inverse Universe

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



CA116E



FF0080



14CA11



665C61



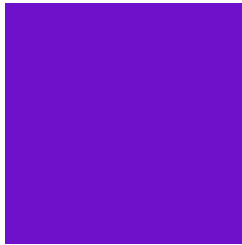
A60053



260013

Previews

White Background



This preview shows how the Hex color 6D11CA looks on a white background.

Color Contrast Check

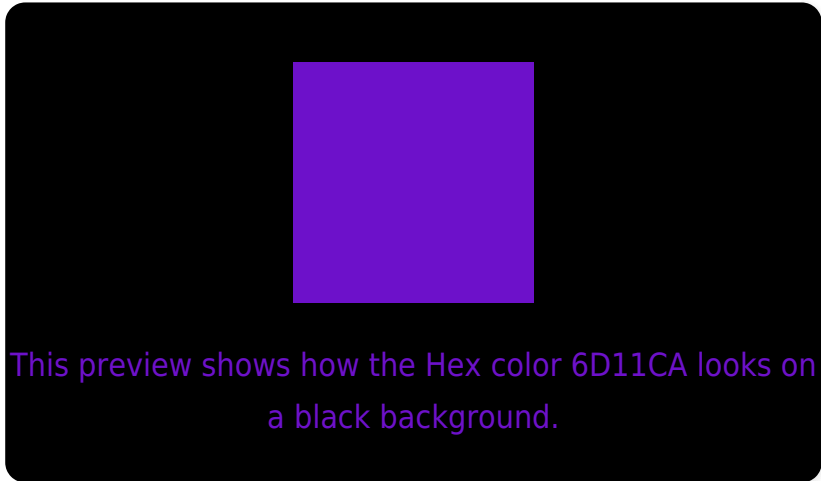
Large Text (above 18pt) WCAG AA ✓ Pass

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

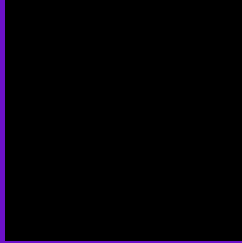
Any Text WCAG AA × Fail

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 6D11CA Background



This preview shows how black text looks on a background with the Hex color 6D11CA.



This preview shows how white text looks on a background with the Hex color 6D11CA.

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
6D11CA

Protanopia
004EA4

Deuteranopia
00538C



Tritanopia
505056

Trichromacy



Original Color
6D11CA



Protanomaly
2838B2



Deuteranomaly
283BA3



Tritanomaly
5B3980

Monochromacy



Original Color
6D11CA



Achromatopsia
424242



Achromatomaly
523073

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D11CA 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 #6D11CA looks like.

```
.text, #text, p{  
    color:#6D11CA  
}
```

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 #6D11CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D11CA
}
```

Border

The CSS property to change the border of an element to Hex 6D11CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

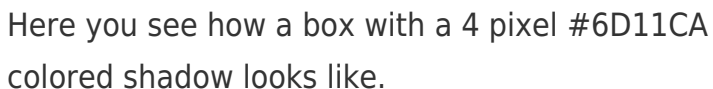
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D11CA }
```

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

```
.border{ border-color:#6D11CA }
```

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



Here you see how a box with a 4 pixel #6D11CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D11CA; -webkit-box-shadow:4px 4px  
4px 4px #6D11CA; box-shadow:4px 4px 4px  
4px #6D11CA }
```

Background

The CSS property to change the background color of an element to Hex 6D11CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D11CA }
```

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

```
.background{ background-color:#6D11CA }
```

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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