

Converting Colors

Hex(6D00FF)

Have a look what the booklet for
Hex(6D00FF) contains.

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Color

Hex(6D00FF)

Conversions

Conversions Part 1

Format	Color
Hex	6D00FF
RGB	109, 0, 255
RGB Percent	43%, 0%, 100%
CMY	0.5725, 1.0000, 0.0000
CMYK	0.57, 1.00, 0.00, 0.00
HSL	266°, 100%, 50%
HSV	266°, 100%, 100%
XYZ	24.3567, 10.4712, 95.3451
YIQ	61.6610, -16.8910, 102.4130

Conversions

Conversions Part 2

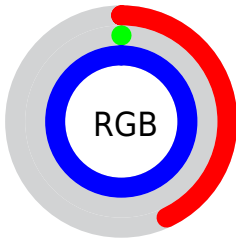
Format	Color
RYB	109, 0, 255
Decimal	7143679
CIELab	38.68, 81.92, -97.07
CIELCh	39, 127.020, 310.160
Yxy	10.4712, 0.1871, 0.0804
Android (android.graphics.Color)	4285333759 (0xFF6D00FF)
YUV	61.6610, 95.3161, 41.5163
Hunter-Lab	32.3592, 77.7275, -152.0440

Details

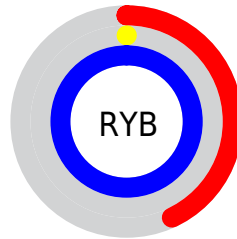
The Hex color **6D00FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **92FF00**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **AF50FF**, and **0700C4** is the 20% darker color. If you saturate the color by 10%, you get **6D00FF**, and if you desaturate by 10%, it is **7C19FF**.

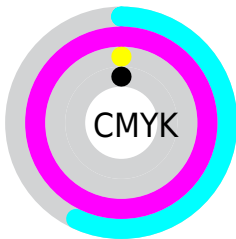
Distribution



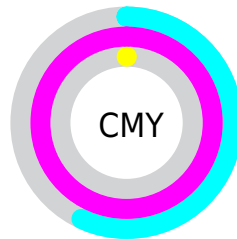
- Red (43%)
- Green (0%)
- Blue (100%)



- Red (43%)
- Yellow (0%)
- Blue (100%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D00FF 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 6D00FF by changing the saturation by 10% instead.

 6D00FF

 6D00FF

FFFFFF

 4700E1

 AF50FF

 0700C4

 CF6DFF

 0000A8

 EF8AFF

 00008D

 FFA6FF

 000072

 FFC3FF

 000C58

 FFE1FF

 000740

 000329

 000113

 6D00FF

 7C19FF

 8A33FF

 994DFF

 A766FF

 B680FF

 C599FF

 D3B3FF

 E2CCFF

 F0E6FF

Harmonies

Analogous

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



0065FF



6D00FF



E300A4

Triad

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



6D00FF



A43600



007A7E

Complementary

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



6D00FF



92FF00

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.



007700



6D00FF



4F6300

Square

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



6D00FF



E00000



007200



007EE3

Rectangle

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



6D00FF



FA0060



007200



007959

Sweetspot

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



6D00FF



D3B3FF



0095FF



655280



000000



808080

Same Dimension

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



6D00FF



EA00FF



787380



5200BF



1B0040

Inverse Universe

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



FF0092



15FF00



80737A



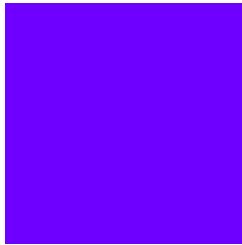
BF006D



400024

Previews

White Background



This preview shows how the Hex color 6D00FF looks on a white background.

Color Contrast Check

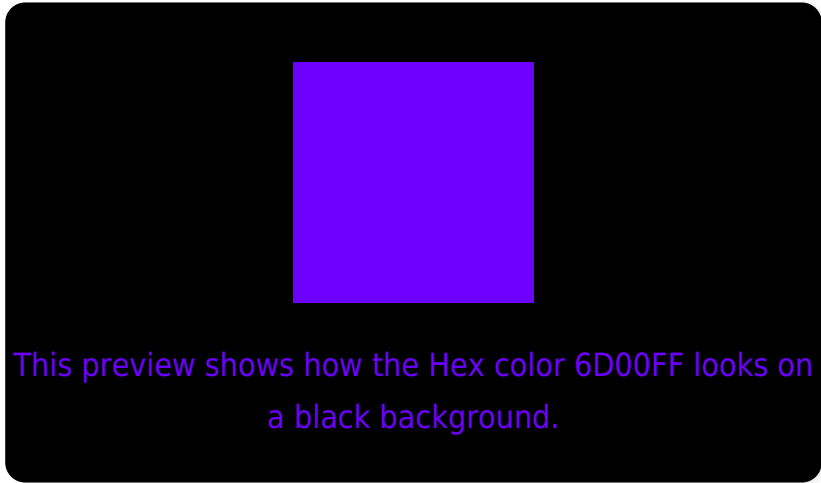
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

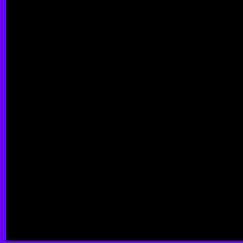
Any Text WCAG AA × Fail

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 6D00FF Background



This preview shows how black text looks on a background with the Hex color 6D00FF.



This preview shows how white text looks on a background with the Hex color 6D00FF.

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



Trichromacy



Original Color
6D00FF

Protanomaly
2839D4

Tritanomaly
483FA1

Monochromacy



Original Color
6D00FF

Achromatopsia
3E3E3E

Achromatomaly
4F2784

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D00FF 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 #6D00FF looks like.

```
.text, #text, p{  
    color:#6D00FF  
}
```

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 #6D00FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D00FF
}
```

Border

The CSS property to change the border of an element to Hex 6D00FF 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".

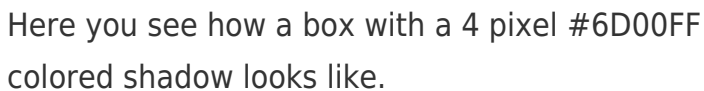
```
.border, #border, table{ border:4px solid
#6D00FF }
```

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

```
.border{ border-color:#6D00FF }
```

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

Here you see how a box with a 4 pixel #6D00FF 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 #6D00FF; -webkit-box-shadow:4px 4px  
4px 4px #6D00FF; box-shadow:4px 4px 4px  
4px #6D00FF }
```

Background

The CSS property to change the background color of an element to Hex 6D00FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D00FF }
```

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

```
.background{ background-color:#6D00FF }
```

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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