

Converting Colors

Hex(6D0FF3)

Have a look what the booklet for
Hex(6D0FF3) contains.

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Color

Hex(6D0FF3)

Conversions

Conversions Part 1

Format	Color
Hex	6D0FF3
RGB	109, 15, 243
RGB Percent	43%, 6%, 95%
CMY	0.5725, 0.9412, 0.0471
CMYK	0.55, 0.94, 0.00, 0.05
HSL	265°, 90%, 51%
HSV	265°, 94%, 95%
XYZ	22.6552, 10.0639, 85.5425
YIQ	69.0980, -17.1640, 90.8360

Conversions

Conversions Part 2

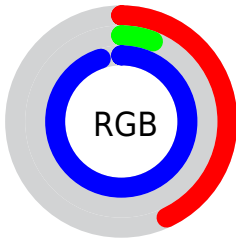
Format	Color
R _Y B	109, 15, 243
Decimal	7147507
CIE Lab	37.96, 77.44, -91.52
CIE LCh	38, 119.884, 310.237
Yxy	10.0639, 0.1916, 0.0851
Android (android.graphics.Color)	4285337587 (0xFF6D0FF3)
YUV	69.0980, 85.7337, 34.9941
Hunter-Lab	31.7237, 71.9576, -137.6681

Details

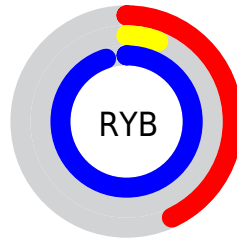
The Hex color **6D0FF3** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **95F30F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **AE53FF**, and **1700B9** is the 20% darker color. If you saturate the color by 10%, you get **6400F3**, and if you desaturate by 10%, it is **7B27F3**.

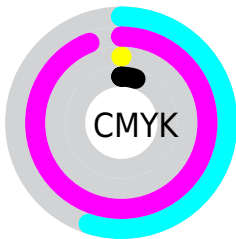
Distribution



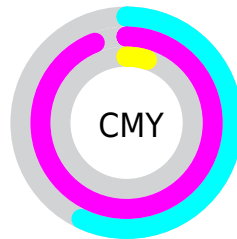
- Red (43%)
- Green (6%)
- Blue (95%)



- Red (43%)
- Yellow (6%)
- Blue (95%)



- Cyan (55%)
- Magenta (94%)
- Yellow (0%)
- Black (5%)



- Cyan (57%)
- Magenta (94%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D0FF3 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 6D0FF3 by changing the saturation by 10% instead.

 6D0FF3

 6D0FF3

FFFFFF

 4900D6

 AE53FF

 1700B9

 CD70FF

 00009D

 ED8CFF

 000082

 FFA8FF

 000068

 FFC5FF

 000A4E

 FFE2FF

 000536

 000220

 000004

 6D0FF3

 6D0FF3

 6400F3

 7B27F3

 8A40F3

 9858F3

 A670F3

 B489F3

 C3A1F3

 D1B9F3

 DFD1F3

 EEEAF3

Harmonies

Analogous

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



0062FF



6D0FF3



DA009E

Triad

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



6D0FF3



9F3700



00777A

Complementary

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



6D0FF3



95F30F

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.



007503



6D0FF3



4F6100

Square

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



6D0FF3



D80000



007000



007AD9

Rectangle

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



6D0FF3



F0005E



007000



007758

Sweetspot

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



6D0FF3



D5B8FF



0F98F3



665480



000000



808080

Same Dimension

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



6D0FF3



6900FF



DC0FF3



736E7A



4D00BA



18003B

Inverse Universe

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



F30F95



FF0096



26F30F



7A6E75



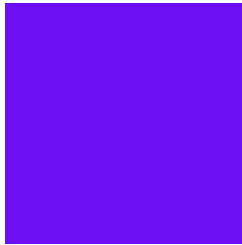
BA006D



3B0022

Previews

White Background



This preview shows how the Hex color 6D0FF3 looks on a white background.

Color Contrast Check

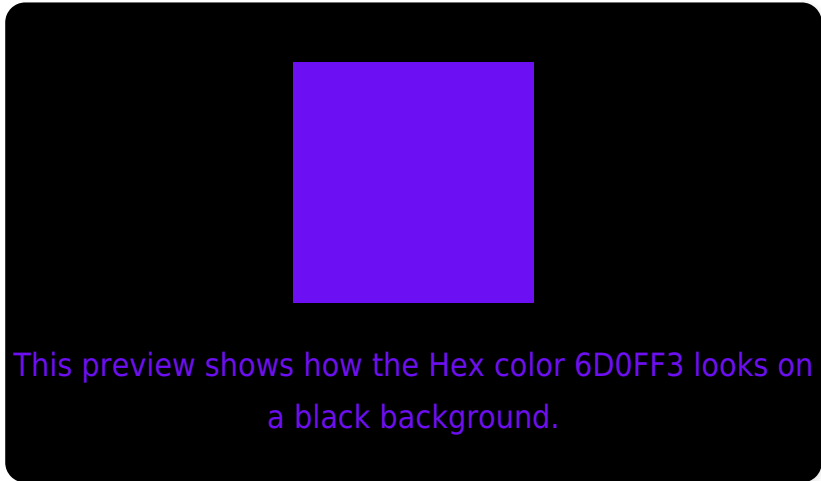
Large Text (above 18pt) WCAG AA ✓ Pass

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

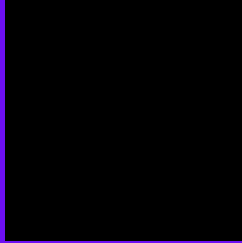
Any Text WCAG AA × Fail

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 6D0FF3 Background



This preview shows how black text looks on a background with the Hex color 6D0FF3.



This preview shows how white text looks on a background with the Hex color 6D0FF3.

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
6D0FF3

Protanopia
0057B6

Deuteranopia
005C9B



Tritanopia
3C5F67

Trichromacy



Original Color
6D0FF3



Protanomaly
283DCC



Deuteranomaly
2840BB



Tritanomaly
4E429A

Monochromacy



Original Color
6D0FF3



Achromatopsia
454545



Achromatomaly
543184

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D0FF3 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 #6D0FF3 looks like.

```
.text, #text, p{  
    color:#6D0FF3  
}
```

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 #6D0FF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D0FF3
}
```

Border

The CSS property to change the border of an element to Hex 6D0FF3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

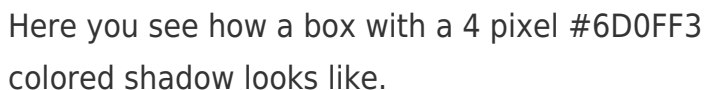
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D0FF3 }
```

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

```
.border{ border-color:#6D0FF3 }
```

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



Here you see how a box with a 4 pixel #6D0FF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D0FF3; -webkit-box-shadow:4px 4px  
4px 4px #6D0FF3; box-shadow:4px 4px 4px  
4px #6D0FF3 }
```

Background

The CSS property to change the background color of an element to Hex 6D0FF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D0FF3 }
```

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

```
.background{ background-color:#6D0FF3 }
```

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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