

Converting Colors

Hex(6D49FF)

Have a look what the booklet for
Hex(6D49FF) contains.

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Color

Hex(6D49FF)

Conversions

Conversions Part 1

Format	Color
Hex	6D49FF
RGB	109, 73, 255
RGB Percent	43%, 29%, 100%
CMY	0.5725, 0.7137, 0.0000
CMYK	0.57, 0.71, 0.00, 0.00
HSL	252°, 100%, 64%
HSV	252°, 71%, 100%
XYZ	26.7392, 15.2363, 96.1393
YIQ	104.5120, -36.9660, 64.2340

Conversions

Conversions Part 2

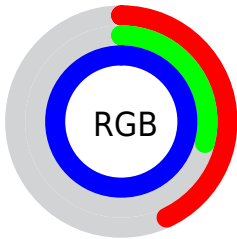
Format	Color
R_{YB}	109, 73, 255
Decimal	7162367
CIE _{Lab}	45.96, 60.57, -85.05
CIE _{LCh}	46, 104.414, 305.457
Yxy	15.2363, 0.1936, 0.1103
Android (android.graphics.Color)	4285352447 (0xFF6D49FF)
YUV	104.5120, 74.1906, 3.9360
Hunter-Lab	39.0337, 53.9687, -118.7067

Details

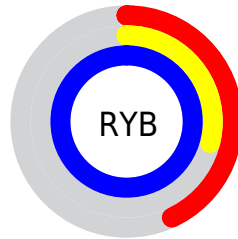
The Hex color **6D49FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **DBFF49**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AD7DFF**, and **1814C5** is the 20% darker color. If you saturate the color by 10%, you get **5930FF**, and if you desaturate by 10%, it is **8162FF**.

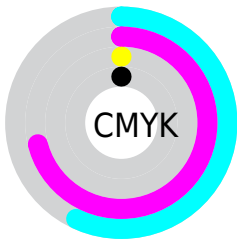
Distribution



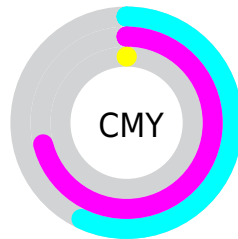
- Red (43%)
- Green (29%)
- Blue (100%)



- Red (43%)
- Yellow (29%)
- Blue (100%)



- Cyan (57%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D49FF 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 6D49FF by changing the saturation by 10% instead.

 6D49FF

 6D49FF

FFFFFF

 4A2FE2

 AD7DFF

 1814C5

 CC98FF

 0000A9

 EBB3FF

 00008D

 FFD0FF

 000073

 FFECFF

 000D59

 000740

 000329

 000113

■ 6D49FF

■ 6D49FF

■ 5930FF

■ 8162FF

■ 4416FF

■ 967CFF

■ 3200FF

■ AA95FF

■ BFAFFF

■ D3C9FF

■ E8E2FF

■ FCFBFF

FFFFFF

Harmonies

Analogous

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



0076FF



6D49FF



DB00B7

Triad

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



6D49FF



BC4800



008C7B

Complementary

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



6D49FF



DBFF49

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.



008916



6D49FF



777000

Square

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



6D49FF



EB0005



008100



008DD2

Rectangle

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



6D49FF



F6007E



008100



008B5D

Sweetspot

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



6D49FF



D4C9FF



49DEFF



666080



000000



808080

Same Dimension

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



6D49FF



4F24FF



C549FF



757380



2600BF



0D0040

Inverse Universe

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



FF49DB



FF24D4



83FF49



80737D



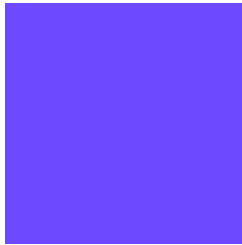
BF0099



400033

Previews

White Background



This preview shows how the Hex color 6D49FF looks on a white background.

Color Contrast Check

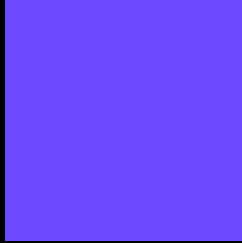
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6D49FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

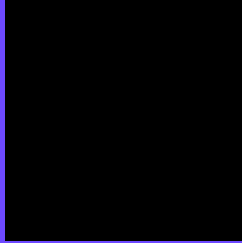
Any Text WCAG AA × Fail

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 6D49FF Background



This preview shows how black text looks on a background with the Hex color 6D49FF.

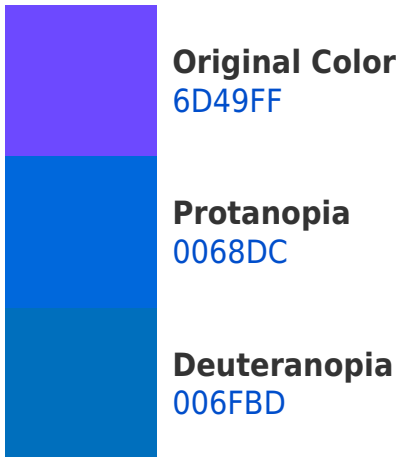


This preview shows how white text looks on a background with the Hex color 6D49FF.

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](#).

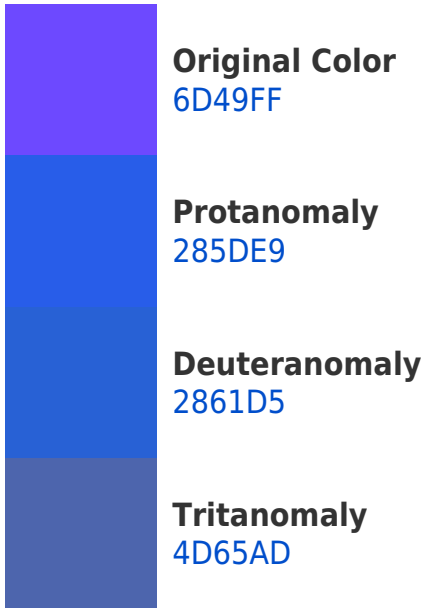
Dichromacy





Tritanopia
3A757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D49FF 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 #6D49FF looks like.

```
.text, #text, p{  
    color:#6D49FF  
}
```

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 #6D49FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D49FF
}
```

Border

The CSS property to change the border of an element to Hex 6D49FF 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
#6D49FF }
```

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

```
.border{ border-color:#6D49FF }
```

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

Here you see how a box with a 4 pixel #6D49FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D49FF; -webkit-box-shadow:4px 4px  
4px 4px #6D49FF; box-shadow:4px 4px 4px  
4px #6D49FF }
```

Background

The CSS property to change the background color of an element to Hex 6D49FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D49FF }
```

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

```
.background{ background-color:#6D49FF }
```

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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