

Converting Colors

Hex(6B3DFF)

Have a look what the booklet for
Hex(6B3DFF) contains.

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Color

Hex(6B3DFF)

Conversions

Conversions Part 1	
Format	Color
Hex	6B3DFF
RGB	107, 61, 255
RGB Percent	42%, 24%, 100%
CMY	0.5804, 0.7608, 0.0000
CMYK	0.58, 0.76, 0.00, 0.00
HSL	254°, 100%, 62%
HSV	254°, 76%, 100%
XYZ	25.7821, 13.6833, 95.8900
YIQ	96.8700, -34.8580, 70.0860

Conversions

Conversions Part 2

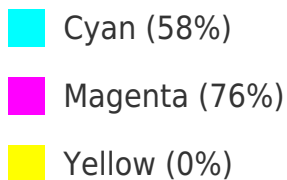
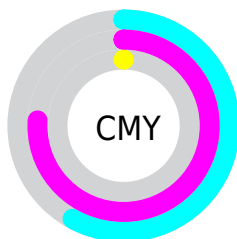
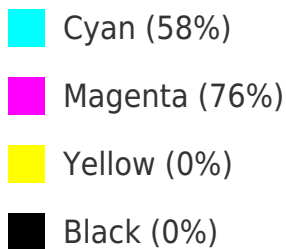
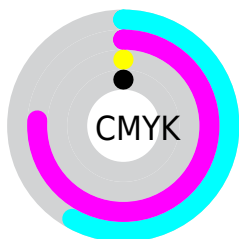
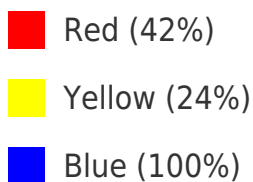
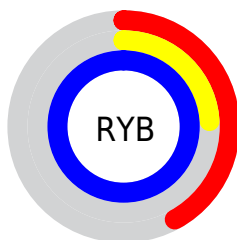
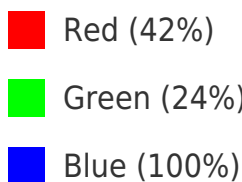
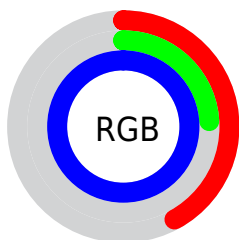
Format	Color
RYB	107, 61, 255
Decimal	7028223
CIELab	43.78, 66.01, -88.64
CIELCh	44, 110.525, 306.675
Yxy	13.6833, 0.1905, 0.1011
Android (android.graphics.Color)	4285218303 (0xFF6B3DFF)
YUV	96.8700, 77.9581, 8.8840
Hunter-Lab	36.9909, 59.6778, -127.8013

Details

The Hex color **6B3DFF** 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 **D1FF3D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AC72FF**, and **0E00C5** is the 20% darker color. If you saturate the color by 10%, you get **5823FF**, and if you desaturate by 10%, it is **7E57FF**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 6B3DFF 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 6B3DFF by changing the saturation by 10% instead.

 6B3DFF

 6B3DFF

FFFFFF

 4721E2

 AC72FF

 0E00C5

 CB8DFF

 0000A9

 EBA9FF

 00008D

 FFC5FF

 000072

 FFE1FF

 000D59

 000740

 000329

 000113

 6B3DFF

 6B3DFF

 5823FF

 7E57FF

 440AFF

 9270FF

 3C00FF

 A58AFF

 B9A3FF

 CCBDFD

 E0D6FF

 F3F0FF

FFFFFF

Harmonies

Analogous

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



0071FF



6B3DFF



DC00B2

Triad

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



6B3DFF



B54200



00877B

Complementary

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



6B3DFF



D1FF3D

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.



00840C



6B3DFF



6C6C00

Square

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



6B3DFF



E80000



007D00



0089D6

Rectangle

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



6B3DFF



F70076



007D00



00865A

Sweetspot

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



6B3DFF



D2C4FF



3DD2FF



645C80



000000



808080

Same Dimension

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



6B3DFF



4E17FF



CB3DFF



767380



2D00BF



0F0040

Inverse Universe

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



FF3DD1



FF17C8



71FF3D



80737C



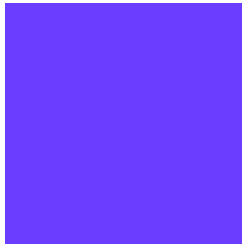
BF0092



400031

Previews

White Background



This preview shows how the Hex color 6B3DFF looks on a white background.

Color Contrast Check

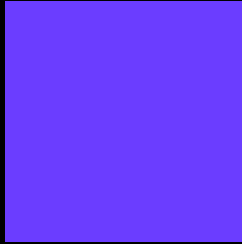
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B3DFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

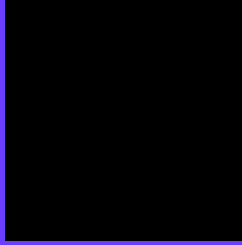
Any Text WCAG AA × Fail

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 6B3DFF Background



This preview shows how black text looks on a background with the Hex color 6B3DFF.



This preview shows how white text looks on a background with the Hex color 6B3DFF.

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
6B3DFF

Protanopia
0063D1





Deuteranopia
006AB3






Tritanopia

336F78

Trichromacy

	Original Color 6B3DFF
	Protanomaly 2755E2
	Deuteranomaly 275ACF
	Tritanomaly 475DA9

Monochromacy

	Original Color 6B3DFF
	Achromatopsia 616161
	Achromatomaly 65549A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B3DFF 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 #6B3DFF looks like.

```
.text, #text, p{  
    color:#6B3DFF  
}
```

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 #6B3DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3DFF
}
```

Border

The CSS property to change the border of an element to Hex 6B3DFF 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
#6B3DFF }
```

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

```
.border{ border-color:#6B3DFF }
```

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

Here you see how a box with a 4 pixel #6B3DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3DFF; -webkit-box-shadow:4px 4px  
4px 4px #6B3DFF; box-shadow:4px 4px 4px  
4px #6B3DFF }
```

Background

The CSS property to change the background color of an element to Hex 6B3DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3DFF }
```

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

```
.background{ background-color:#6B3DFF }
```

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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