

Converting Colors

Hex(6B21FF)

Have a look what the booklet for
Hex(6B21FF) contains.

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Color

Hex(6B21FF)

Conversions

Conversions Part 1

Format	Color
Hex	6B21FF
RGB	107, 33, 255
RGB Percent	42%, 13%, 100%
CMY	0.5804, 0.8706, 0.0000
CMYK	0.58, 0.87, 0.00, 0.00
HSL	260°, 100%, 56%
HSV	260°, 87%, 100%
XYZ	24.6573, 11.4335, 95.5150
YIQ	80.4340, -27.1580, 84.7300

Conversions

Conversions Part 2

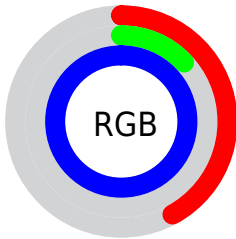
Format	Color
R_{YB}	107, 33, 255
Decimal	7021055
CIE Lab	40.30, 76.21, -94.38
CIE LCh	40, 121.311, 308.919
Yxy	11.4335, 0.1874, 0.0869
Android (android.graphics.Color)	4285211135 (0xFF6B21FF)
YUV	80.4340, 86.0610, 23.2984
Hunter-Lab	33.8135, 70.9911, -143.8107

Details

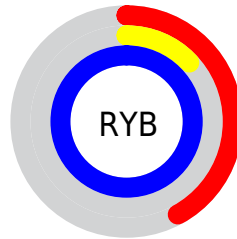
The Hex color **6B21FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **B5FF21**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AD5DFF**, and **0300C5** is the 20% darker color. If you saturate the color by 10%, you get **5A08FF**, and if you desaturate by 10%, it is **7C3AFF**.

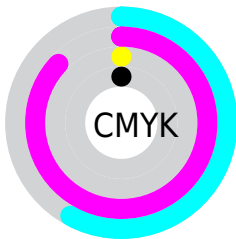
Distribution



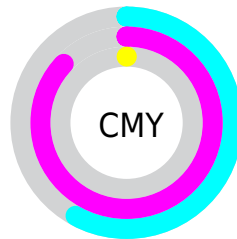
- Red (42%)
- Green (13%)
- Blue (100%)



- Red (42%)
- Yellow (13%)
- Blue (100%)



- Cyan (58%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)




- Cyan (58%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B21FF 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 6B21FF by changing the saturation by 10% instead.

 6B21FF

 6B21FF

FFFFFF

 4500E1

 AD5DFF

 0300C5

 CD79FF

 0000A8

 ED95FF

 00008D

 FFB1FF

 000072

 FFCEFF

 000D58

 FFE8FF

 000740

 000329

 000113

 6B21FF

 6B21FF

 5A08FF

 7C3AFF

 5500FF

 8D54FF

 9E6DFF

 AF87FF

 C0A1FF

 D1BAFF

 E2D3FF

 F3EDFF

FFFFFF

Harmonies

Analogous

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



0069FF



6B21FF



E000A9

Triad

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



6B21FF



AA3900



007E7C

Complementary

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



6B21FF



B5FF21

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.



007B00



6B21FF



596600

Square

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



6B21FF



E30000



007600



0081DD

Rectangle

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



6B21FF



F90068



007600



007D59

Sweetspot

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



6B21FF



D3BDFF



21B5FF



655880



000000



808080

Same Dimension

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



6B21FF



5500FF



DA21FF



777380



4000BF



150040

Inverse Universe

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



FF21B5



FF00AA



46FF21



80737B



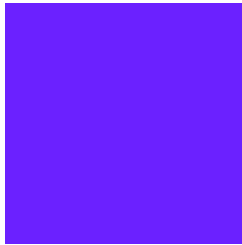
BF007F



40002A

Previews

White Background



This preview shows how the Hex color 6B21FF 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

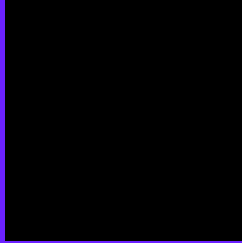
Any Text WCAG AA × Fail

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 6B21FF Background



This preview shows how black text looks on a background with the Hex color 6B21FF.



This preview shows how white text looks on a background with the Hex color 6B21FF.

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
6B21FF

Protanopia
005BC0

Deuteranopia
0061A4



Tritanopia
30666F

Trichromacy



Original Color
6B21FF



Protanomaly
2746D7



Deuteranomaly
274AC5



Tritanomaly
454DA3

Monochromacy



Original Color
6B21FF



Achromatopsia
505050



Achromatomaly
5A3F90

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B21FF 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 #6B21FF looks like.

```
.text, #text, p{  
    color:#6B21FF  
}
```

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 #6B21FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B21FF
}
```

Border

The CSS property to change the border of an element to Hex 6B21FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

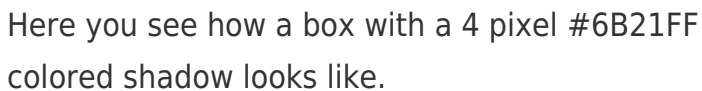
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B21FF }
```

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

```
.border{ border-color:#6B21FF }
```

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



Here you see how a box with a 4 pixel #6B21FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B21FF; -webkit-box-shadow:4px 4px  
4px 4px #6B21FF; box-shadow:4px 4px 4px  
4px #6B21FF }
```

Background

The CSS property to change the background color of an element to Hex 6B21FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B21FF }
```

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

```
.background{ background-color:#6B21FF }
```

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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