

Converting Colors

Hex(6000FF)

Have a look what the booklet for
Hex(6000FF) contains.

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Color

Hex(6000FF)

Conversions

Conversions Part 1

Format	Color
Hex	6000FF
RGB	96, 0, 255
RGB Percent	38%, 0%, 100%
CMY	0.6235, 1.0000, 0.0000
CMYK	0.62, 1.00, 0.00, 0.00
HSL	263°, 100%, 50%
HSV	263°, 100%, 100%
XYZ	22.8739, 9.7068, 95.2758
YIQ	57.7740, -24.6390, 99.6570

Conversions

Conversions Part 2

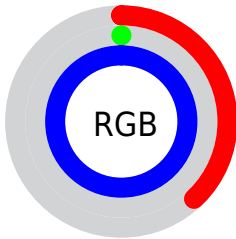
Format	Color
R _Y B	96, 0, 255
Decimal	6291711
CIE Lab	37.31, 81.22, -99.38
CIE LCh	37, 128.346, 309.258
Yxy	9.7068, 0.1789, 0.0759
Android (android.graphics.Color)	4284481791 (0xFF6000FF)
YUV	57.7740, 97.2324, 33.5242
Hunter-Lab	31.1557, 76.5283, -159.5027

Details

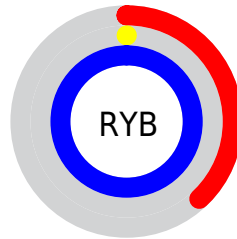
The Hex color **6000FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **9FFF00**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A54EFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **6000FF**, and if you desaturate by 10%, it is **7019FF**.

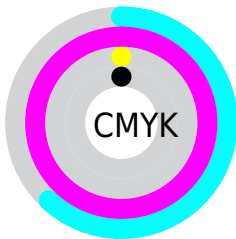
Distribution



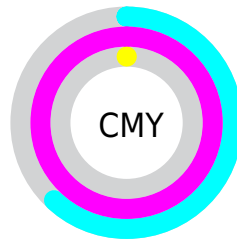
- Red (38%)
- Green (0%)
- Blue (100%)



- Red (38%)
- Yellow (0%)
- Blue (100%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6000FF 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 6000FF by changing the saturation by 10% instead.

 6000FF

 6000FF

FFFFFF

 3500E1

 A54EFF

 0000C4

 C56BFF

 0000A8

 E587FF

 00008D

 FFA4FF

 000172

 FFC1FF

 000C58

 FFDEFF

 000740

 FFFCFF

 000329

 000113

 6000FF

 7019FF

 8033FF

 904DFF

 A066FF

 B080FF

 BF99FF

 CFB3FF

 DFCCFF

 EFE6FF

Harmonies

Analogous

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



0063FF



6000FF



DE00A4

Triad

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



6000FF



A32F00



007677

Complementary

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



6000FF



9FFF00

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.



007300



6000FF



4E5F00

Square

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



6000FF



DE0000



006F00



007ADE

Rectangle

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



6000FF



F70060



006F00



007553

Sweetspot

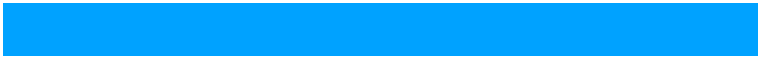
The Sweet Spot groups the original color and five complimentary colors.



6000FF



CFB3FF



00A2FF



635280



000000



808080

Same Dimension

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



6000FF



DD00FF



787380



4800BF



180040

Inverse Universe

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



FF009F



22FF00



80737B



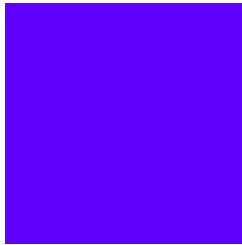
BF0077



400028

Previews

White Background



This preview shows how the Hex color 6000FF looks on a white background.

Color Contrast Check

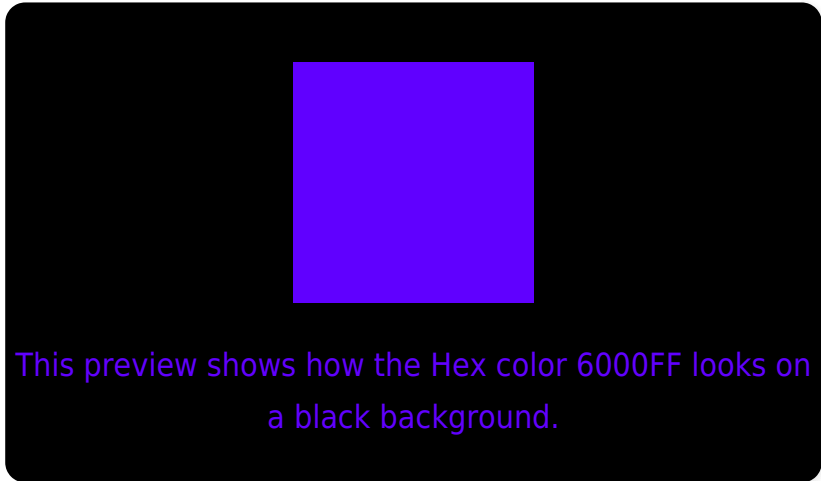
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 6000FF Background



This preview shows how black text looks on a background with the Hex color 6000FF.



This preview shows how white text looks on a background with the Hex color 6000FF.

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
6000FF

Protanopia
0056B4

Deuteranopia
005B99

Trichromacy



Original Color
6000FF

Protanomaly
2337CF

Deuteranomaly
233ABE

Monochromacy



Original Color
6000FF

Achromatopsia
3A3A3A

Achromatomaly
482582

CSS Examples

Text

The CSS property to change the color of the text to Hex 6000FF 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 #6000FF looks like.

```
.text, #text, p{  
    color:#6000FF  
}
```

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 #6000FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6000FF
}
```

Border

The CSS property to change the border of an element to Hex 6000FF 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".

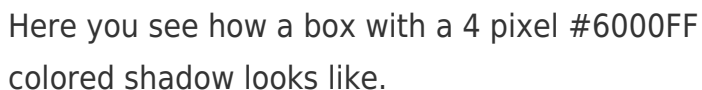
```
.border, #border, table{ border:4px solid
#6000FF }
```

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

```
.border{ border-color:#6000FF }
```

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

Here you see how a box with a 4 pixel #6000FF 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 #6000FF; -webkit-box-shadow:4px 4px  
4px 4px #6000FF; box-shadow:4px 4px 4px  
4px #6000FF }
```

Background

The CSS property to change the background color of an element to Hex 6000FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6000FF }
```

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

```
.background{ background-color:#6000FF }
```

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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