

Converting Colors

Hex(4A0FFC)

Have a look what the booklet for
Hex(4A0FFC) contains.

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Color

Hex(4A0FFC)

Conversions

Conversions Part 1

Format	Color
Hex	4A0FFC
RGB	74, 15, 252
RGB Percent	29%, 6%, 99%
CMY	0.7098, 0.9412, 0.0118
CMYK	0.71, 0.94, 0.00, 0.01
HSL	255°, 98%, 52%
HSV	255°, 94%, 99%
XYZ	20.5656, 8.8258, 92.7151
YIQ	59.6590, -40.9130, 86.2150

Conversions

Conversions Part 2

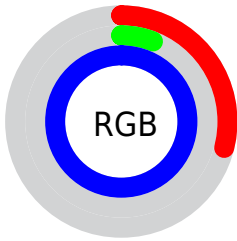
Format	Color
R_{YB}	74, 15, 252
Decimal	4853756
CIE Lab	35.65, 77.56, -100.52
CIE LCh	36, 126.962, 307.652
Yxy	8.8258, 0.1684, 0.0723
Android (android.graphics.Color)	4283043836 (0xFF4A0FFC)
YUV	59.6590, 94.8241, 12.5771
Hunter-Lab	29.7082, 71.5776, -164.2400

Details

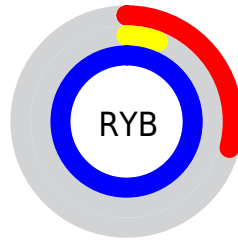
The Hex color **4A0FFC** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **C1FC0F**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **9450FF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **3F00FC**, and if you desaturate by 10%, it is **5D28FC**.

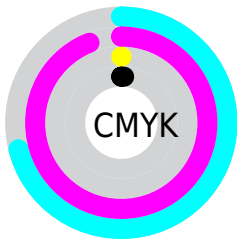
Distribution



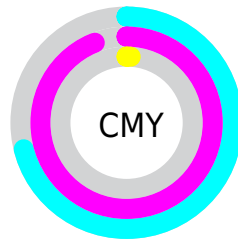
- Red (29%)
- Green (6%)
- Blue (99%)



- Red (29%)
- Yellow (6%)
- Blue (99%)



- Cyan (71%)
- Magenta (94%)
- Yellow (0%)
- Black (1%)



- Cyan (71%)
- Magenta (94%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4A0FFC 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 4A0FFC by changing the saturation by 10% instead.

 4A0FFC

 4A0FFC

FFFFFF

 0100DE

 9450FF

 0000C2

 B56CFF

 0000A5

 D688FF

 00008A

 F6A4FF

 00086F

 FFC0FF

 000C55

 FFD0FF

 00063D

 FFBFBF

 000326

 000110

 4A0FFC

 4A0FFC

 3F00FC

 5D28FC

 7041FC

 835BFC

 9674FC

 A98DFC

 BCA6FC

 CEBFFC

 E1D9FC

 F4F2FC

Harmonies

Analogous

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



0061FF



4A0FFC



D400A4

Triad

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



4A0FFC



A12600



00716D

Complementary

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



4A0FFC



C1FC0F

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.



006E00



4A0FFC



4F5A00

Square

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



4A0FFC



D90000



006A00



0075D3

Rectangle

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



4A0FFC



EF0061



006A00



007049

Sweetspot

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



4A0FFC



C9B8FF



0FC5FC



5F5480



000000



808080

Same Dimension

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



4A0FFC



3F00FF



BD0FFC



74707D



2F00BD



0F003D

Inverse Universe

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



FC0FC1



FF00C0



4EFC0F



7D707A



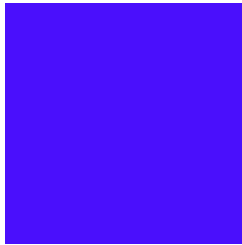
BD008E



3D002E

Previews

White Background



This preview shows how the Hex color 4A0FFC looks on a white background.

Color Contrast Check

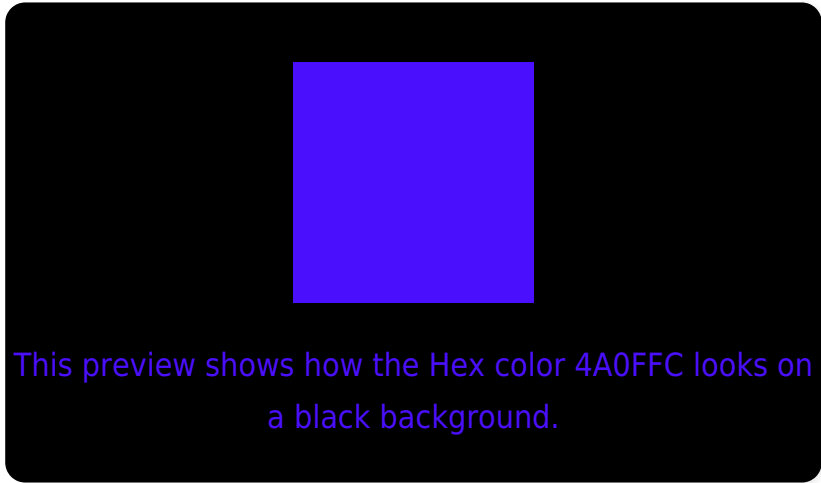
Large Text (above 18pt) WCAG AA ✓ Pass

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

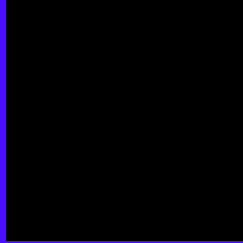
Any Text WCAG AA × Fail

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 4A0FFC Background



This preview shows how black text looks on a background with the Hex color 4A0FFC.



This preview shows how white text looks on a background with the Hex color 4A0FFC.

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
4A0FFC

Protanopia
0051AA

Deuteranopia
005690



Tritanopia
005D62

Trichromacy



Original Color
4A0FFC

Protanomaly
1B39C8

Deuteranomaly
1B3CB7

Tritanomaly
1B419A

Monochromacy



Original Color
4A0FFC

Achromatopsia
3C3C3C

Achromatomaly
412C82

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A0FFC 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 #4A0FFC looks like.

```
.text, #text, p{  
    color:#4A0FFC  
}
```

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 #4A0FFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A0FFC
}
```

Border

The CSS property to change the border of an element to Hex 4A0FFC 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
#4A0FFC }
```

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

```
.border{ border-color:#4A0FFC }
```

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

Here you see how a box with a 4 pixel #4A0FFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A0FFC; -webkit-box-shadow:4px 4px  
4px 4px #4A0FFC; box-shadow:4px 4px 4px  
4px #4A0FFC }
```

Background

The CSS property to change the background color of an element to Hex 4A0FFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A0FFC }
```

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

```
.background{ background-color:#4A0FFC }
```

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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