

Converting Colors

Hex(4C0FD1)

Have a look what the booklet for
Hex(4C0FD1) contains.

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Color

Hex(4C0FD1)

Conversions

Conversions Part 1

Format	Color
Hex	4C0FD1
RGB	76, 15, 209
RGB Percent	30%, 6%, 82%
CMY	0.7020, 0.9412, 0.1804
CMYK	0.64, 0.93, 0.00, 0.18
HSL	259°, 87%, 44%
HSV	259°, 93%, 82%
XYZ	14.6599, 6.4816, 60.8000
YIQ	55.3550, -25.9180, 73.2660

Conversions

Conversions Part 2

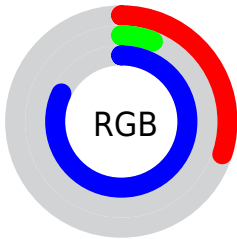
Format	Color
R_{YB}	76, 15, 209
Decimal	4984785
CIE _{Lab}	30.60, 67.30, -84.36
CIE _{LCh}	31, 107.911, 308.582
Yxy	6.4816, 0.1789, 0.0791
Android (android.graphics.Color)	4283174865 (0xFF4C0FD1)
YUV	55.3550, 75.7470, 18.1057
Hunter-Lab	25.4590, 58.2317, -123.7725

Details

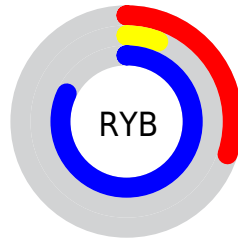
The Hex color **4C0FD1** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **94D10F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8E4CFF**, and **000099** is the 20% darker color. If you saturate the color by 10%, you get **4200D1**, and if you desaturate by 10%, it is **5A24D1**.

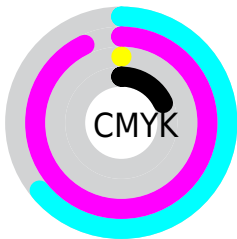
Distribution



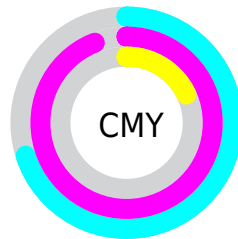
- Red (30%)
- Green (6%)
- Blue (82%)



- Red (30%)
- Yellow (6%)
- Blue (82%)



- Cyan (64%)
- Magenta (93%)
- Yellow (0%)
- Black (18%)



- Cyan (70%)
- Magenta (94%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4C0FD1 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 4C0FD1 by changing the saturation by 10% instead.

 4C0FD1

 4C0FD1

FFFFFF

 2100B5

 8E4CFF

 000099

 AD67FF

 00007E

 CC82FF

 000064

 EB9DFF

 00094B

 FFB9FF

 000433

 FFD6FF

 00021D

 FFF3FF

 000000

 4C0FD1

 4C0FD1

■ 4200D1

■ 5A24D1

■ 6939D1

■ 774ED1

■ 8563D1

■ 9478D1

■ A28CD1

■ B0A1D1

■ BFB6D1

■ CDCBD1

Harmonies

Analogous

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



0051F7



4C0FD1



B40088

Triad

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



4C0FD1



872600



006160

Complementary

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



4C0FD1



94D10F

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.



005F00



4C0FD1



434D00

Square

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



4C0FD1



B70000



005B00



0064B3

Rectangle

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



4C0FD1



C90051



005B00



006142

Sweetspot

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



4C0FD1



CEB8FF



0F97D1



625480



000000



808080

Same Dimension

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



4C0FD1



5000FF



AA0FD1



615E69



3500A8



0D0029

Inverse Universe

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



D10F94



FF00AF



36D10F



695E65



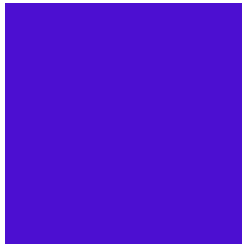
A80073



29001C

Previews

White Background



This preview shows how the Hex color 4C0FD1 looks on a white background.

Color Contrast Check

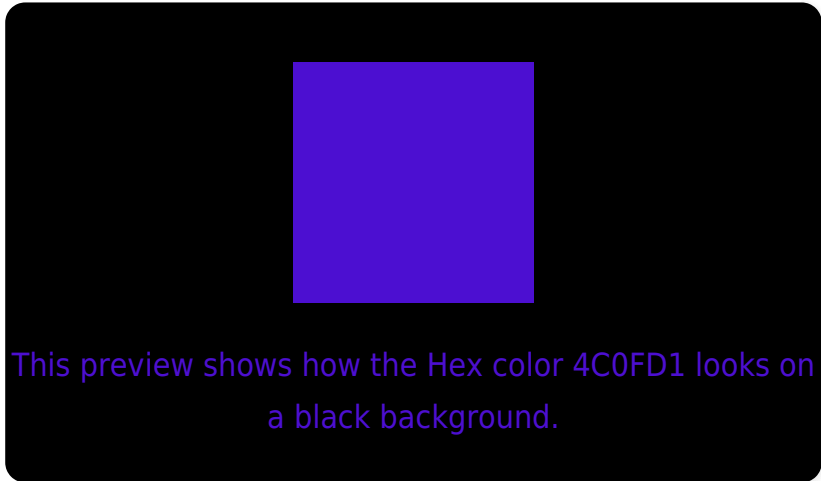
Large Text (above 18pt) WCAG AA ✓ Pass

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

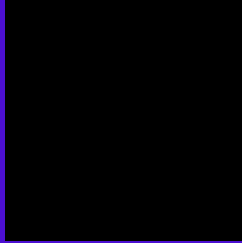
Any Text WCAG AA × Fail

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 4C0FD1 Background



This preview shows how black text looks on a background with the Hex color 4C0FD1.



This preview shows how white text looks on a background with the Hex color 4C0FD1.

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



Trichromacy



Original Color
4C0FD1

Protanomaly
1C32AA

Deuteranomaly
1C359C

Tritanomaly
1C3983

Monochromacy



Original Color
4C0FD1

Achromatopsia
373737

Achromatomaly
3F286F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0FD1 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 #4C0FD1 looks like.

```
.text, #text, p{  
    color:#4C0FD1  
}
```

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 #4C0FD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0FD1
}
```

Border

The CSS property to change the border of an element to Hex 4C0FD1 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
#4C0FD1 }
```

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

```
.border{ border-color:#4C0FD1 }
```

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

Here you see how a box with a 4 pixel #4C0FD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0FD1; -webkit-box-shadow:4px 4px  
4px 4px #4C0FD1; box-shadow:4px 4px 4px  
4px #4C0FD1 }
```

Background

The CSS property to change the background color of an element to Hex 4C0FD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0FD1 }
```

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

```
.background{ background-color:#4C0FD1 }
```

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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