

Converting Colors

Hex(4C18DB)

Have a look what the booklet for
Hex(4C18DB) contains.

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Color

Hex(4C18DB)

Conversions

Conversions Part 1

Format	Color
Hex	4C18DB
RGB	76, 24, 219
RGB Percent	30%, 9%, 86%
CMY	0.7020, 0.9059, 0.1412
CMYK	0.65, 0.89, 0.00, 0.14
HSL	256°, 80%, 48%
HSV	256°, 89%, 86%
XYZ	16.0933, 7.3042, 67.5795
YIQ	61.7780, -31.6030, 71.6690

Conversions

Conversions Part 2

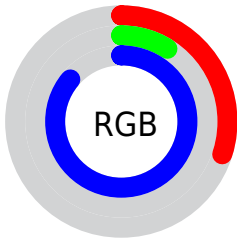
Format	Color
R_{YB}	76, 24, 219
Decimal	4987099
CIE _{Lab}	32.49, 67.61, -87.00
CIE _{LCh}	32, 110.178, 307.850
Yxy	7.3042, 0.1769, 0.0803
Android (android.graphics.Color)	4283177179 (0xFF4C18DB)
YUV	61.7780, 77.5104, 12.4727
Hunter-Lab	27.0264, 58.9948, -129.3363

Details

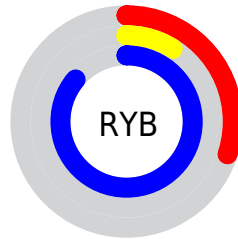
The Hex color **4C18DB** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A7DB18**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8F51FF**, and **0000A2** is the 20% darker color. If you saturate the color by 10%, you get **3C02DB**, and if you desaturate by 10%, it is **5C2EDB**.

Distribution



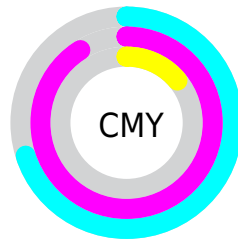
- Red (30%)
- Green (9%)
- Blue (86%)



- Red (30%)
- Yellow (9%)
- Blue (86%)



- Cyan (65%)
- Magenta (89%)
- Yellow (0%)
- Black (14%)



- Cyan (70%)
- Magenta (91%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C18DB 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 4C18DB by changing the saturation by 10% instead.

4C18DB

4C18DB

FFFFFF

1E00BE

8F51FF

0000A2

AF6CFF

000087

CE87FF

00006D

EDA3FF

000B53

FFBFFF

00063B

FFDCFF

000224

FFF9FF

00000C

000000

■ 4C18DB

■ 4C18DB

■ 3C02DB

■ 5C2EDB

■ 3A00DB

■ 6C44DB

■ 7C5ADB

■ 8C70DB

■ 9C85DB

■ AC9BDB

■ BCB1DB

■ CCC7DB

■ DDDDDDB

Harmonies

Analogous

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



0057FF



4C18DB



BB0090

Triad

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



4C18DB



8F2800



006763

Complementary

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



4C18DB



A7DB18

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.



006400



4C18DB



495100

Square

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



4C18DB



C00000



006000



006AB9

Rectangle

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



4C18DB



D20057



006000



006644

Sweetspot

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



4C18DB



CDBAFF



18A7DB



625780



000000



808080

Same Dimension

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



4C18DB



4400FF



AD18DB



66636E



2E00AD



0C002E

Inverse Universe

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



DB18A7



FF00BB



46DB18



6E636B



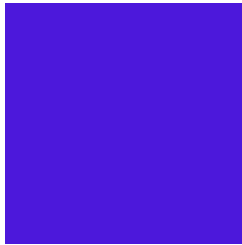
AD007F



2E0022

Previews

White Background



This preview shows how the Hex color 4C18DB looks on a white background.

Color Contrast Check

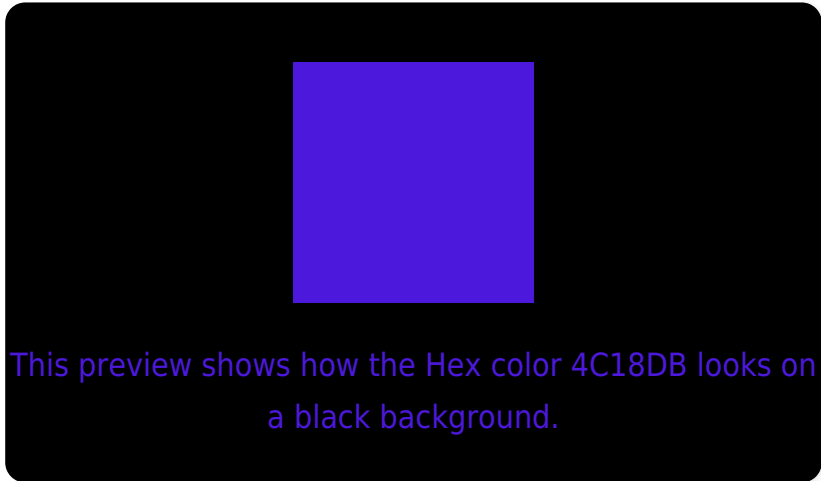
Large Text (above 18pt) WCAG AA ✓ Pass

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

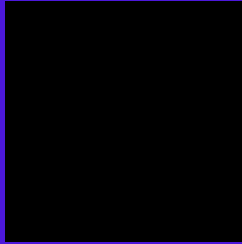
Any Text WCAG AA × Fail

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 4C18DB Background



This preview shows how black text looks on a background with the Hex color 4C18DB.



This preview shows how white text looks on a background with the Hex color 4C18DB.

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





Tritanopia
00555B

Trichromacy



Original Color
4C18DB

Protanomaly
1C38B2

Deuteranomaly
1C3BA4

Tritanomaly
1C3F8A

Monochromacy



Original Color
4C18DB

Achromatopsia
3E3E3E

Achromatomaly
433077

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C18DB 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 #4C18DB looks like.

```
.text, #text, p{  
    color:#4C18DB  
}
```

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 #4C18DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C18DB
}
```

Border

The CSS property to change the border of an element to Hex 4C18DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

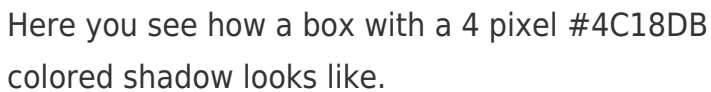
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C18DB }
```

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

```
.border{ border-color:#4C18DB }
```

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



Here you see how a box with a 4 pixel #4C18DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C18DB; -webkit-box-shadow:4px 4px  
4px 4px #4C18DB; box-shadow:4px 4px 4px  
4px #4C18DB }
```

Background

The CSS property to change the background color of an element to Hex 4C18DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C18DB }
```

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

```
.background{ background-color:#4C18DB }
```

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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