

Converting Colors

Hex(4218D3)

Have a look what the booklet for
Hex(4218D3) contains.

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Color

Hex(4218D3)

Conversions

Conversions Part 1

Format	Color
Hex	4218D3
RGB	66, 24, 211
RGB Percent	26%, 9%, 83%
CMY	0.7412, 0.9059, 0.1725
CMYK	0.69, 0.89, 0.00, 0.17
HSL	253°, 80%, 46%
HSV	253°, 89%, 83%
XYZ	14.3313, 6.5147, 62.1301
YIQ	57.8760, -34.9950, 67.0610

Conversions

Conversions Part 2

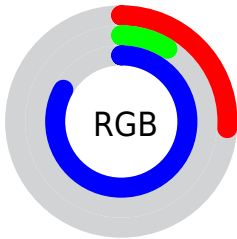
Format	Color
R_{YB}	66, 24, 211
Decimal	4331731
CIE _{Lab}	30.68, 64.94, -85.41
CIE _{LCh}	31, 107.294, 307.245
Yxy	6.5147, 0.1727, 0.0785
Android (android.graphics.Color)	4282521811 (0xFF4218D3)
YUV	57.8760, 75.4901, 7.1247
Hunter-Lab	25.5238, 55.5585, -126.4570

Details

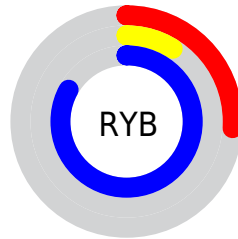
The Hex color **4218D3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A9D318**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8650FF**, and **00009B** is the 20% darker color. If you saturate the color by 10%, you get **3203D3**, and if you desaturate by 10%, it is **522DD3**.

Distribution



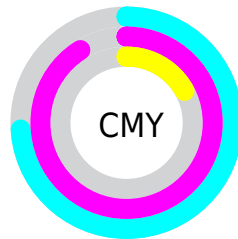
- Red (26%)
- Green (9%)
- Blue (83%)



- Red (26%)
- Yellow (9%)
- Blue (83%)



- Cyan (69%)
- Magenta (89%)
- Yellow (0%)
- Black (17%)



- Cyan (74%)
- Magenta (91%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4218D3 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 4218D3 by changing the saturation by 10% instead.

4218D3

4218D3

FFFFFF

0600B7

8650FF

00009B

A66AFF

000080

C585FF

000065

E4A0FF

00094C

FFBCFF

000535

FFD9FF

00021E

FFF6FF

000001

000000

■ 4218D3

■ 4218D3

■ 3203D3

■ 522DD3

■ 2F00D3

■ 6342D3

■ 7357D3

■ 836CD3

■ 9482D3

■ A497D3

■ B5ACD3

■ C5C1D3

■ D5D6D3

Harmonies

Analogous

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



0053F7



4218D3



B2008B

Triad

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



4218D3



892300



00615C

Complementary

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



4218D3



A9D318

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



4218D3



474D00

Square

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



4218D3



B80000



005B00



0064AF

Rectangle

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



4218D3



C80054



005B00



00613E

Sweetspot

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



4218D3



CABAFF



18AAD3



605780



000000



808080

Same Dimension

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



4218D3



3900FF



9E18D3



605E69



2600A8



090029

Inverse Universe

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



D318A9



FF00C6



4DD318



695E66



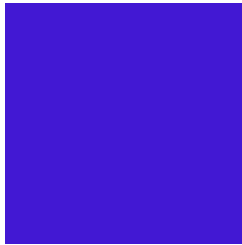
A80083



290020

Previews

White Background



This preview shows how the Hex color 4218D3 looks on a white background.

Color Contrast Check

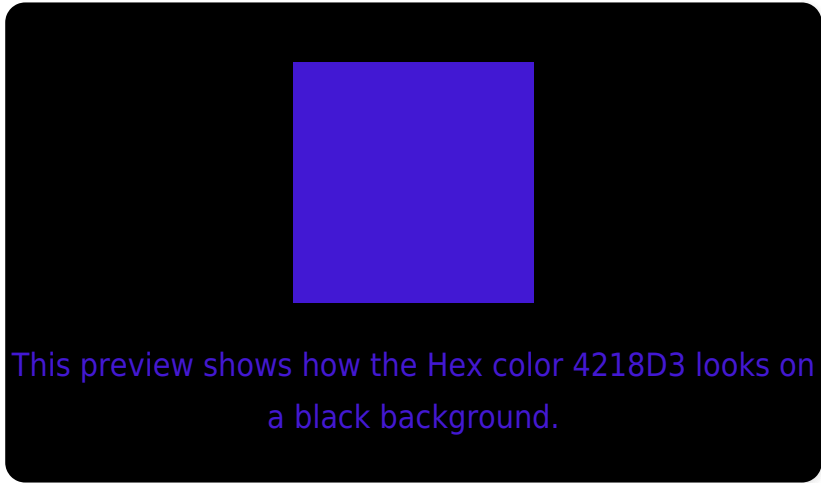
Large Text (above 18pt) WCAG AA ✓ Pass

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

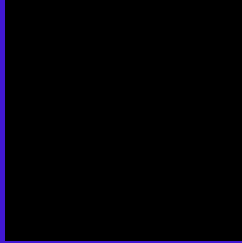
Any Text WCAG AA × Fail

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 4218D3 Background



This preview shows how black text looks on a background with the Hex color 4218D3.



This preview shows how white text looks on a background with the Hex color 4218D3.

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
4218D3

Protanopia
004693

Deuteranopia
004B7D

Trichromacy



Original Color
4218D3

Protanomaly
1835AA

Deuteranomaly
18389C

Tritanomaly
183C83

Monochromacy



Original Color
4218D3

Achromatopsia
3A3A3A

Achromatomaly
3D2E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 4218D3 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 #4218D3 looks like.

```
.text, #text, p{  
    color:#4218D3  
}
```

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 #4218D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4218D3
}
```

Border

The CSS property to change the border of an element to Hex 4218D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

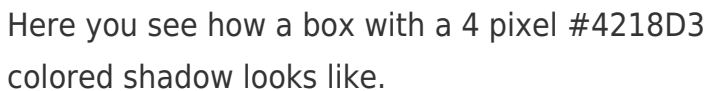
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4218D3 }
```

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

```
.border{ border-color:#4218D3 }
```

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



Here you see how a box with a 4 pixel #4218D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4218D3; -webkit-box-shadow:4px 4px  
4px 4px #4218D3; box-shadow:4px 4px 4px  
4px #4218D3 }
```

Background

The CSS property to change the background color of an element to Hex 4218D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4218D3 }
```

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

```
.background{ background-color:#4218D3 }
```

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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