

Converting Colors

Hex(4200C7)

Have a look what the booklet for
Hex(4200C7) contains.

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Color

Hex(4200C7)

Conversions

Conversions Part 1

Format	Color
Hex	4200C7
RGB	66, 0, 199
RGB Percent	26%, 0%, 78%
CMY	0.7412, 1.0000, 0.2196
CMYK	0.67, 1.00, 0.00, 0.22
HSL	260°, 100%, 39%
HSV	260°, 100%, 78%
XYZ	12.5556, 5.2818, 54.3906
YIQ	42.4200, -24.5430, 75.8810

Conversions

Conversions Part 2

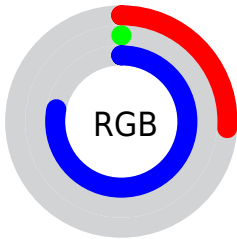
Format	Color
RYB	66, 0, 199
Decimal	4325575
CIELab	27.52, 67.05, -83.65
CIELCh	28, 107.204, 308.712
Yxy	5.2818, 0.1738, 0.0731
Android (android.graphics.Color)	4282515655 (0xFF4200C7)
YUV	42.4200, 77.1939, 20.6797
Hunter-Lab	22.9821, 57.2993, -124.2311

Details

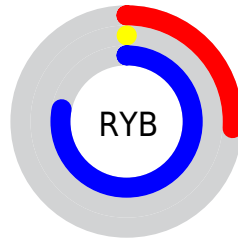
The Hex color **4200C7** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **85C700**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8544FF**, and **00008F** is the 20% darker color. If you saturate the color by 10%, you get **4200C7**, and if you desaturate by 10%, it is **4F14C7**.

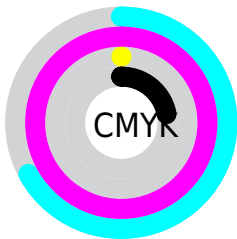
Distribution



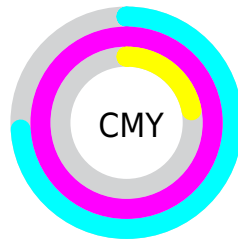
- Red (26%)
- Green (0%)
- Blue (78%)



- Red (26%)
- Yellow (0%)
- Blue (78%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (74%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4200C7 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 4200C7 by changing the saturation by 10% instead.


 4200C7

 4200C7

FFFFFF

 0D00AB

 8544FF

 00008F

 A45FFF

 000075

 C37AFF

 00035B

 E295FF

 000742

 FFB1FF

 00032B

 FFCDFE

 000115

 FFEAFF

 000000

 4200C7

 4F14C7

 5D28C7

 6A3CC7

 7750C7

 8564C7

 9277C7

 9F8BC7

 AC9FC7

 BAB3C7

Harmonies

Analogous

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



004BED



4200C7



AA007F

Triad

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



4200C7



7D1F00



005959

Complementary

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



4200C7



85C700

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.



005700



4200C7



3A4600

Square

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



4200C7



AC0000



005300



005CAA

Rectangle

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



4200C7



BF0049



005300



00583C

Sweetspot

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



4200C7



CCB3FF



0088C7



615280



000000



808080

Same Dimension

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



4200C7



5500FF



A300C7



5D5A63



3600A3



0C0024

Inverse Universe

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



C70085



FF00AA



24C700



635A60



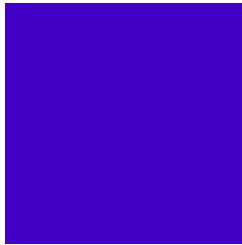
A3006D



240018

Previews

White Background



This preview shows how the Hex color 4200C7 looks on a white background.

Color Contrast Check

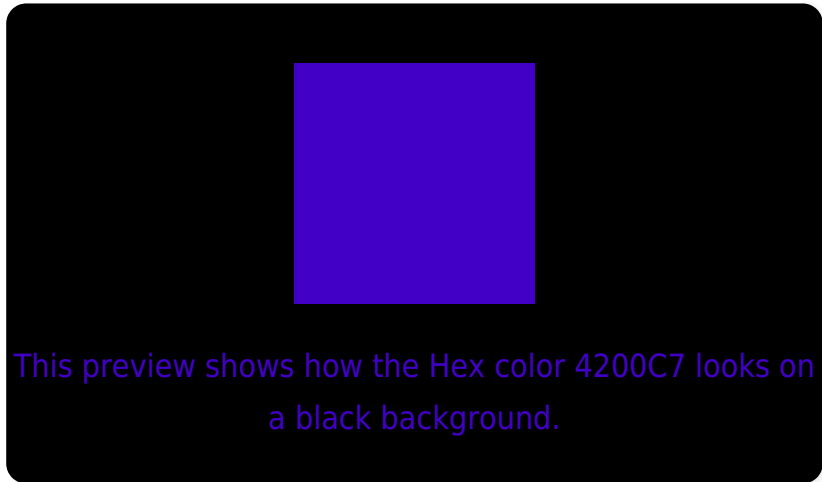
Large Text (above 18pt) WCAG AA ✓ Pass

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

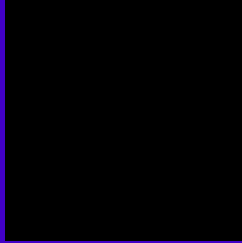
Any Text WCAG AA × Fail

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 4200C7 Background



This preview shows how black text looks on a background with the Hex color 4200C7.



This preview shows how white text looks on a background with the Hex color 4200C7.

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
4200C7

Protanopia
004188

Deuteranopia
004574



Tritanopia
004B4F

Trichromacy



Original Color
4200C7

Protanomaly
18299F

Deuteranomaly
182C92

Tritanomaly
18307B

Monochromacy



Original Color
4200C7

Achromatopsia
2A2A2A

Achromatomaly
331B63

CSS Examples

Text

The CSS property to change the color of the text to Hex 4200C7 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 #4200C7 looks like.

```
.text, #text, p{  
    color:#4200C7  
}
```

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 #4200C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4200C7
}
```

Border

The CSS property to change the border of an element to Hex 4200C7 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".

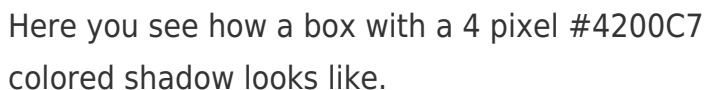
```
.border, #border, table{ border:4px solid
#4200C7 }
```

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

```
.border{ border-color:#4200C7 }
```

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

Here you see how a box with a 4 pixel #4200C7 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 #4200C7; -webkit-box-shadow:4px 4px  
4px 4px #4200C7; box-shadow:4px 4px 4px  
4px #4200C7 }
```

Background

The CSS property to change the background color of an element to Hex 4200C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4200C7 }
```

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

```
.background{ background-color:#4200C7 }
```

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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