

Converting Colors

Hex(4200B5)

Have a look what the booklet for
Hex(4200B5) contains.

Hex(4200B5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(4200B5)

Conversions

Conversions Part 1

Format	Color
Hex	4200B5
RGB	66, 0, 181
RGB Percent	26%, 0%, 71%
CMY	0.7412, 1.0000, 0.2902
CMYK	0.64, 1.00, 0.00, 0.29
HSL	262°, 100%, 35%
HSV	262°, 100%, 71%
XYZ	10.5873, 4.4944, 44.0256
YIQ	40.3680, -18.7650, 70.2830

Conversions

Conversions Part 2

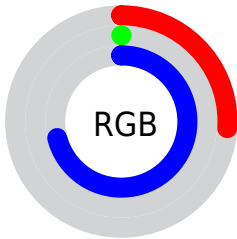
Format	Color
RYB	66, 0, 181
Decimal	4325557
CIELab	25.24, 62.80, -76.78
CIELCh	25, 99.197, 309.281
Yxy	4.4944, 0.1791, 0.0760
Android (android.graphics.Color)	4282515637 (0xFF4200B5)
YUV	40.3680, 69.3316, 22.4793
Hunter-Lab	21.2001, 52.0420, -108.2855

Details

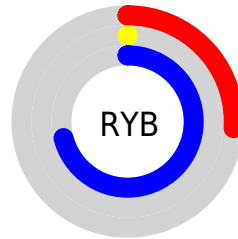
The Hex color **4200B5** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **73B500**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8241EE**, and **00007E** is the 20% darker color. If you saturate the color by 10%, you get **4200B5**, and if you desaturate by 10%, it is **4D12B5**.

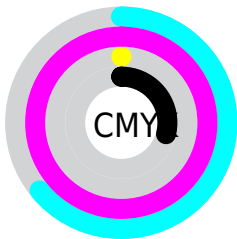
Distribution



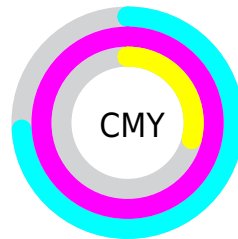
- Red (26%)
- Green (0%)
- Blue (71%)



- Red (26%)
- Yellow (0%)
- Blue (71%)



- Cyan (64%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (74%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4200B5 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 4200B5 by changing the saturation by 10% instead.

 4200B5

 4200B5

FFFFFF

 170099

 8241EE

 00007E

 A05CFF

 000064

 BE77FF

 00094B

 DC92FF

 000434

 FBADFF

 00021D

 FFCAFF

 000000

 FFE7FF

 4200B5

 4D12B5

 5924B5

 6436B5

 7048B5

 7B5BB5

 876DB5

 937FB5

 9E91B5

 AAA3B5

Harmonies

Analogous

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



0044D8



4200B5



9D0073

Triad

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



4200B5



721E00



005353

Complementary

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



4200B5



73B500

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.



005000



4200B5



354100

Square

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



4200B5



9D0000



004C00



00559D

Rectangle

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



4200B5



AF0042



004C00



005238

Sweetspot

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



4200B5



BEA4EB



0076B5



5A4B75



F5F5F5



757575

Same Dimension

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



4200B5



5600EB



9A00B5



545059



380099



09001A

Inverse Universe

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



B50073



EB0095



1BB500



595056



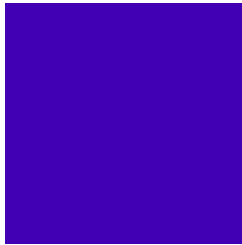
990061



1A0010

Previews

White Background



This preview shows how the Hex color 4200B5 looks on a white background.

Color Contrast Check

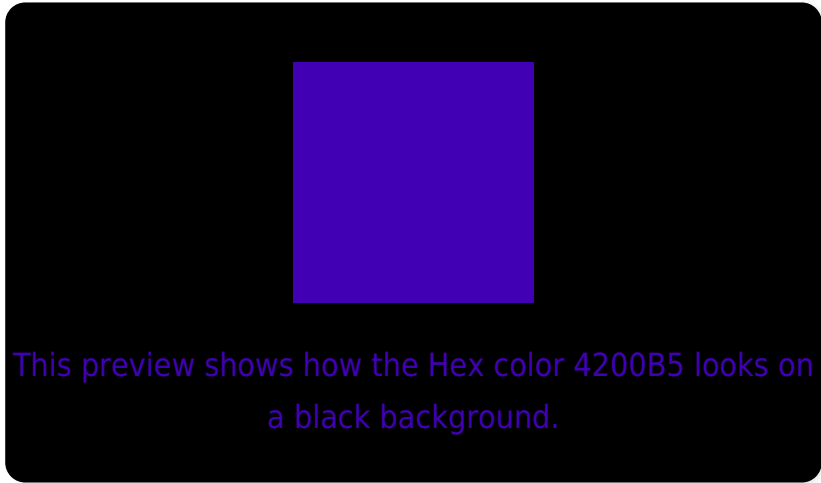
Large Text (above 18pt) WCAG AA ✓ Pass

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

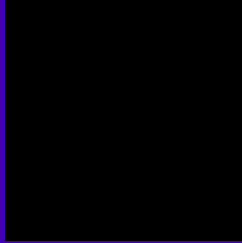
Any Text WCAG AA × Fail

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 4200B5 Background



This preview shows how black text looks on a background with the Hex color 4200B5.

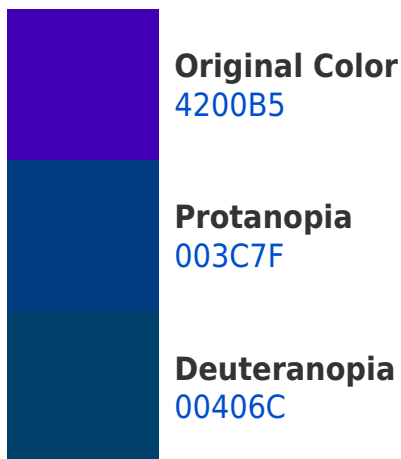


This preview shows how white text looks on a background with the Hex color 4200B5.

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
4200B5

Protanomaly
182693

Deuteranomaly
182987

Monochromacy



Original Color
4200B5

Achromatopsia
282828

Achromatomaly
31195B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4200B5 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 #4200B5 looks like.

```
.text, #text, p{  
    color:#4200B5  
}
```

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 #4200B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4200B5
}
```

Border

The CSS property to change the border of an element to Hex 4200B5 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
#4200B5 }
```

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

```
.border{ border-color:#4200B5 }
```

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

Here you see how a box with a 4 pixel #4200B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4200B5; -webkit-box-shadow:4px 4px  
4px 4px #4200B5; box-shadow:4px 4px 4px  
4px #4200B5 }
```

Background

The CSS property to change the background color of an element to Hex 4200B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4200B5 }
```

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

```
.background{ background-color:#4200B5 }
```

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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