

Converting Colors

Hex(4A00B5)

Have a look what the booklet for
Hex(4A00B5) contains.

Hex(4A00B5)	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>	29

Color

Hex(4A00B5)

Conversions

Conversions Part 1

Format	Color
Hex	4A00B5
RGB	74, 0, 181
RGB Percent	29%, 0%, 71%
CMY	0.7098, 1.0000, 0.2902
CMYK	0.59, 1.00, 0.00, 0.29
HSL	265°, 100%, 35%
HSV	265°, 100%, 71%
XYZ	11.1645, 4.7920, 44.0526
YIQ	42.7600, -13.9970, 71.9790

Conversions

Conversions Part 2

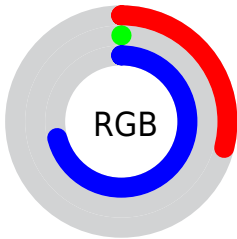
Format	Color
RYB	74, 0, 181
Decimal	4849845
CIELab	26.13, 63.26, -75.28
CIElCh	26, 98.328, 310.042
Yxy	4.7920, 0.1860, 0.0799
Android (android.graphics.Color)	4283039925 (0xFF4A00B5)
YUV	42.7600, 68.1523, 27.3975
Hunter-Lab	21.8907, 52.7283, -103.9908

Details

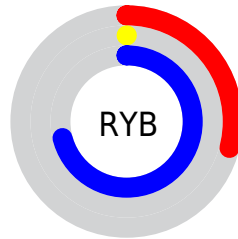
The Hex color **4A00B5** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **6BB500**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8842EE**, and **00007E** is the 20% darker color. If you saturate the color by 10%, you get **4A00B5**, and if you desaturate by 10%, it is **5512B5**.

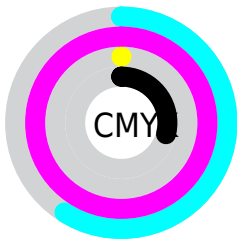
Distribution



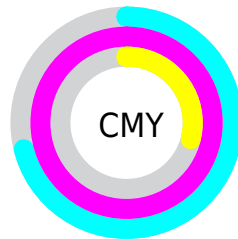
- Red (29%)
- Green (0%)
- Blue (71%)



- Red (29%)
- Yellow (0%)
- Blue (71%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A00B5 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 4A00B5 by changing the saturation by 10% instead.

 4A00B5

 4A00B5

FFFFFF

 250099

 8842EE

 00007E

 A65DFF

 000064

 C478FF

 00064B

 E293FF

 000434

 FFAFFF

 00021E

 FFCCFF

 000000

 FFE8FF

 4A00B5

 5512B5

 5F24B5

 6A36B5

 7548B5

 805BB5

 8A6DB5

 957FB5

 A091B5

 AAA3B5

Harmonies

Analogous

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



0045D9



4A00B5



A00073

Triad

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



4A00B5



732300



005557

Complementary

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



4A00B5



6BB500

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.



005300



4A00B5



354400

Square

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



4A00B5



9E0000



004F00



0057A0

Rectangle

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



4A00B5



B10042



004F00



00543C

Sweetspot

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



4A00B5



C1A4EB



006DB5



5C4B75



F5F5F5



757575

Same Dimension

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



4A00B5



6000EB



A300B5



545059



3F0099



0A001A

Inverse Universe

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



B5006B



EB008B



12B500



595056



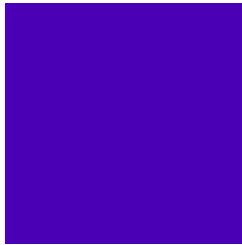
99005A



1A000F

Previews

White Background



This preview shows how the Hex color 4A00B5 looks on a white background.

Color Contrast Check

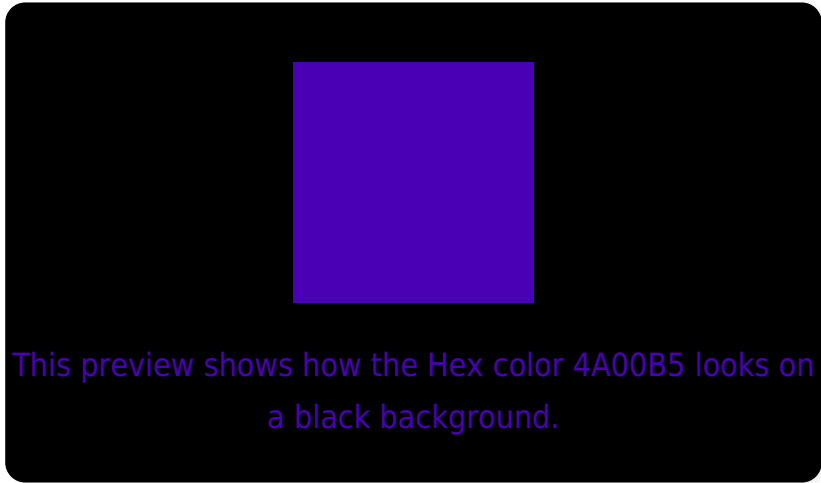
Large Text (above 18pt) WCAG AA ✓ Pass

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

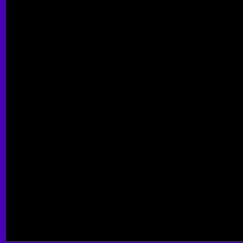
Any Text WCAG AA × Fail

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 4A00B5 Background



This preview shows how black text looks on a background with the Hex color 4A00B5.



This preview shows how white text looks on a background with the Hex color 4A00B5.

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](#).

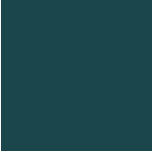
Dichromacy



Original Color
4A00B5

Protanopia
003E83

Deuteranopia
00426F



Tritanopia
1B464C

Trichromacy



Original Color
4A00B5

Protanomaly
1B2795

Deuteranomaly
1B2A88

Tritanomaly
2C2D72

Monochromacy



Original Color
4A00B5

Achromatopsia
2B2B2B

Achromatomaly
361B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A00B5 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 #4A00B5 looks like.

```
.text, #text, p{  
    color:#4A00B5  
}
```

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 #4A00B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A00B5
}
```

Border

The CSS property to change the border of an element to Hex 4A00B5 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
#4A00B5 }
```

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

```
.border{ border-color:#4A00B5 }
```

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

Here you see how a box with a 4 pixel #4A00B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A00B5; -webkit-box-shadow:4px 4px  
4px 4px #4A00B5; box-shadow:4px 4px 4px  
4px #4A00B5 }
```

Background

The CSS property to change the background color of an element to Hex 4A00B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A00B5 }
```

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

```
.background{ background-color:#4A00B5 }
```

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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