

Converting Colors

Hex(4B05A7)

Have a look what the booklet for
Hex(4B05A7) contains.

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Color

Hex(4B05A7)

Conversions

Conversions Part 1

Format	Color
Hex	4B05A7
RGB	75, 5, 167
RGB Percent	29%, 2%, 65%
CMY	0.7059, 0.9804, 0.3451
CMYK	0.55, 0.97, 0.00, 0.35
HSL	266°, 94%, 34%
HSV	266°, 97%, 65%
XYZ	9.9310, 4.3944, 36.8840
YIQ	44.3980, -10.2820, 65.2220

Conversions

Conversions Part 2

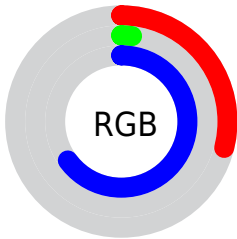
Format	Color
R_{YB}	75, 5, 167
Decimal	4916647
CIE _{Lab}	24.93, 59.06, -68.84
CIE _{LCh}	25, 90.702, 310.624
Yxy	4.3944, 0.1939, 0.0858
Android (android.graphics.Color)	4283106727 (0xFF4B05A7)
YUV	44.3980, 60.4428, 26.8380
Hunter-Lab	20.9629, 47.8778, -89.6463

Details

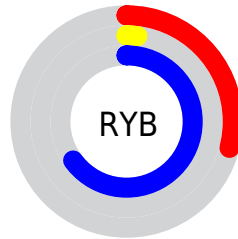
The Hex color **4B05A7** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **61A705**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8743DF**, and **000071** is the 20% darker color. If you saturate the color by 10%, you get **4800A7**, and if you desaturate by 10%, it is **5416A7**.

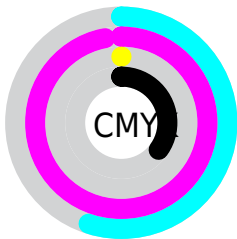
Distribution



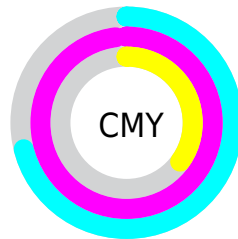
- Red (29%)
- Green (2%)
- Blue (65%)



- Red (29%)
- Yellow (2%)
- Blue (65%)



- Cyan (55%)
- Magenta (97%)
- Yellow (0%)
- Black (35%)



- Cyan (71%)
- Magenta (98%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B05A7 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 4B05A7 by changing the saturation by 10% instead.

4B05A7

4B05A7

FFFFFF

29008C

8743DF

000071

A45DFD

000058

C178FF

00073F

DF93FF

000328

FEAFFF

000112

FFCBFF

000000

FFE8FF

4B05A7

4B05A7

■ 4800A7

■ 5416A7

■ 5E26A7

■ 6737A7

■ 7148A7

■ 7A58A7

■ 8469A7

■ 8D7AA7

■ 978BA7

■ A09BA7

Harmonies

Analogous

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



0041C8



4B05A7



96006A

Triad

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



4B05A7



6C2400



005153

Complementary

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



4B05A7



61A705

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.



004F03



4B05A7



334100

Square

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



4B05A7



940000



004B00



005396

Rectangle

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



4B05A7



A6003E



004B00



00503B

Sweetspot

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



4B05A7



B59AD9



0564A7



58476E



EDEDED



6E6E6E

Same Dimension

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



4B05A7



5E00D9



9905A7



4F4C54



400094



090014

Inverse Universe

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



A70561



D9007B



13A705



544C51



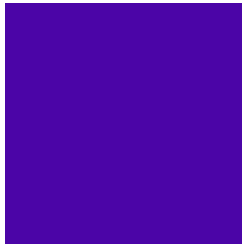
940054



14000C

Previews

White Background



This preview shows how the Hex color 4B05A7 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

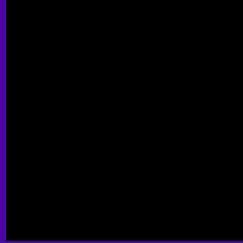
Any Text WCAG AA × Fail

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 4B05A7 Background



This preview shows how black text looks on a background with the Hex color 4B05A7.



This preview shows how white text looks on a background with the Hex color 4B05A7.

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](#).

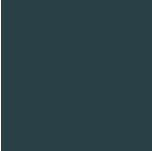
Dichromacy



Original Color
4B05A7

Protanopia
003B7C

Deuteranopia
003F6A



Tritanopia
294146

Trichromacy



Original Color
4B05A7

Protanomaly
1B278C

Deuteranomaly
1B2A80

Tritanomaly
352B69

Monochromacy



Original Color
4B05A7

Achromatopsia
2C2C2C

Achromatomaly
371E59

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B05A7 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 #4B05A7 looks like.

```
.text, #text, p{  
    color:#4B05A7  
}
```

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 #4B05A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B05A7
}
```

Border

The CSS property to change the border of an element to Hex 4B05A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

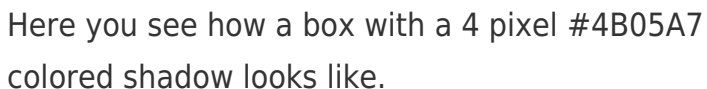
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B05A7 }
```

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

```
.border{ border-color:#4B05A7 }
```

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



Here you see how a box with a 4 pixel #4B05A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B05A7; -webkit-box-shadow:4px 4px  
4px 4px #4B05A7; box-shadow:4px 4px 4px  
4px #4B05A7 }
```

Background

The CSS property to change the background color of an element to Hex 4B05A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B05A7 }
```

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

```
.background{ background-color:#4B05A7 }
```

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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