

Converting Colors

Hex(5000AC)

Have a look what the booklet for
Hex(5000AC) contains.

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Color

Hex(5000AC)

Conversions

Conversions Part 1

Format	Color
Hex	5000AC
RGB	80, 0, 172
RGB Percent	31%, 0%, 67%
CMY	0.6863, 1.0000, 0.3255
CMYK	0.53, 1.00, 0.00, 0.33
HSL	268°, 100%, 34%
HSV	268°, 100%, 67%
XYZ	10.7547, 4.6840, 39.3670
YIQ	43.5280, -7.5320, 70.4520

Conversions

Conversions Part 2

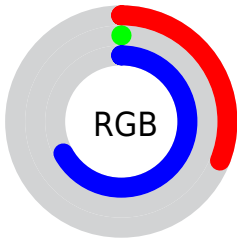
Format	Color
RYB	80, 0, 172
Decimal	5243052
CIELab	25.81, 61.60, -70.39
CIELCh	26, 93.534, 311.192
Yxy	4.6840, 0.1962, 0.0855
Android (android.graphics.Color)	4283433132 (0xFF5000AC)
YUV	43.5280, 63.3367, 31.9859
Hunter-Lab	21.6426, 50.8257, -92.6961

Details

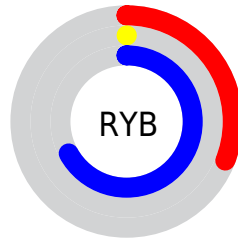
The Hex color **5000AC** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **5CAC00**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8C42E5**, and **000076** is the 20% darker color. If you saturate the color by 10%, you get **5000AC**, and if you desaturate by 10%, it is **5911AC**.

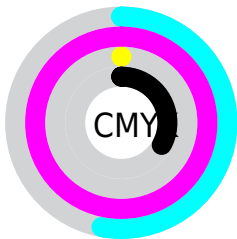
Distribution



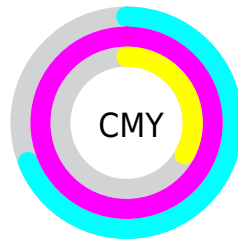
- Red (31%)
- Green (0%)
- Blue (67%)



- Red (31%)
- Yellow (0%)
- Blue (67%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5000AC 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 5000AC by changing the saturation by 10% instead.

 5000AC

 5000AC

FFFFFF

 2F0091

 8C42E5

 000076

 A95DFF

 00005C

 C778FF

 000744

 E593FF

 00032C

 FFAFFF

 000117

 FFCBFF

 000000

 FFE8FF

 5000AC

 5911AC

 6222AC

 6C34AC

 7545AC

 7E56AC

 8767AC

 9078AC

 9A8AAC

 A39BAC

Harmonies

Analogous

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



0042CF



5000AC



9C006D

Triad

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



5000AC



6F2600



005358

Complementary

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



5000AC



5CAC00

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.



005105



5000AC



334300

Square

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



5000AC



980000



004E00



00559C

Rectangle

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



5000AC



AC003E



004E00



00533F

Sweetspot

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



5000AC



BC9DE0



005FAC



5B4870



F0F0F0



707070

Same Dimension

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



5000AC



6800E0



A300AC



524E57



460096



0B0017

Inverse Universe

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



AC005C



E00078



09AC00



574E53



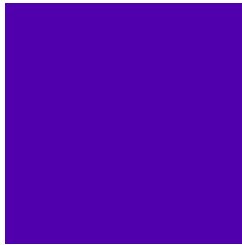
960050



17000C

Previews

White Background



This preview shows how the Hex color 5000AC looks on a white background.

Color Contrast Check

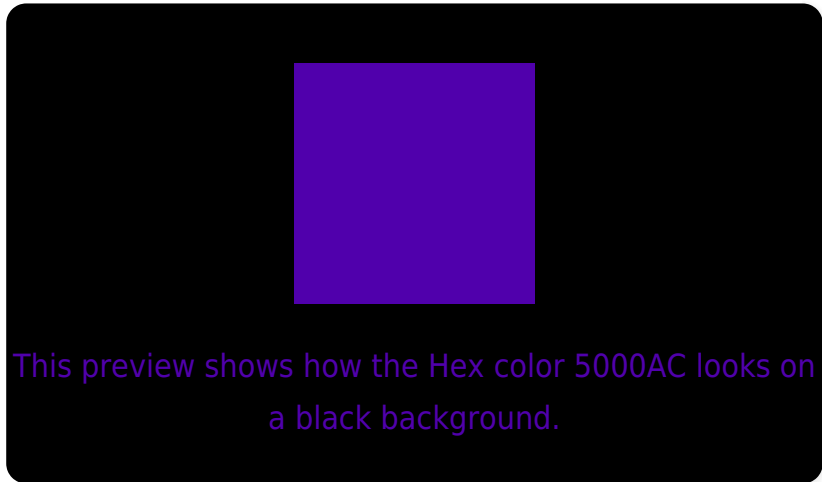
Large Text (above 18pt) WCAG AA ✓ Pass

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

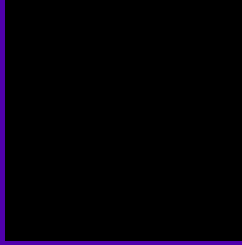
Any Text WCAG AA × Fail

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 5000AC Background



This preview shows how black text looks on a background with the Hex color 5000AC.



This preview shows how white text looks on a background with the Hex color 5000AC.

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](#).

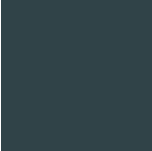
Dichromacy



Original Color
5000AC

Protanopia
003E82

Deuteranopia
00426F



Tritanopia
304348

Trichromacy



Original Color
5000AC

Protanomaly
1D2791

Deuteranomaly
1D2A85

Tritanomaly
3C2B6C

Monochromacy



Original Color
5000AC

Achromatopsia
2C2C2C

Achromatomaly
391C5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5000AC 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 #5000AC looks like.

```
.text, #text, p{  
    color:#5000AC  
}
```

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 #5000AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5000AC
}
```

Border

The CSS property to change the border of an element to Hex 5000AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

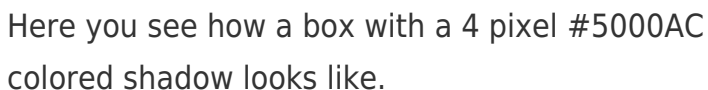
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5000AC }
```

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

```
.border{ border-color:#5000AC }
```

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



Here you see how a box with a 4 pixel #5000AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5000AC; -webkit-box-shadow:4px 4px  
4px 4px #5000AC; box-shadow:4px 4px 4px  
4px #5000AC }
```

Background

The CSS property to change the background color of an element to Hex 5000AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5000AC }
```

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

```
.background{ background-color:#5000AC }
```

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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