

Converting Colors

Hex(0000A5)

Have a look what the booklet for
Hex(0000A5) contains.

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Color

Hex(0000A5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0000A5 |
| RGB | 0, 0, 165 |
| RGB Percent | 0%, 0%, 65% |
| CMY | 1.0000, 1.0000, 0.3529 |
| CMYK | 1.00, 1.00, 0.00, 0.35 |
| HSL | 240°, 100%, 32% |
| HSV | 240°, 100%, 65% |
| XYZ | 6.7915, 2.7166, 35.7637 |
| YIQ | 18.8100, -52.9650, 51.3150 |

Conversions

Conversions Part 2

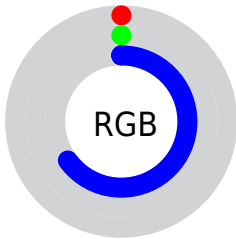
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 0, 165 |
| Decimal | 165 |
| CIELab | 18.87, 57.17, -77.87 |
| CIELCh | 19, 96.606, 306.287 |
| Yxy | 2.7166, 0.1500, 0.0600 |
| Android (android.graphics.Color) | 4278190245 (0xFF0000A5) |
| YUV | 18.8100, 72.0717, -16.4964 |
| Hunter-Lab | 16.4821, 44.7078, -117.1126 |

Details

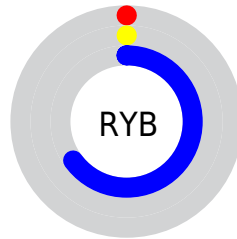
The Hex color **0000A5** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A5A500**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5F39DE**, and **00006F** is the 20% darker color. If you saturate the color by 10%, you get **0000A5**, and if you desaturate by 10%, it is **1010A5**.

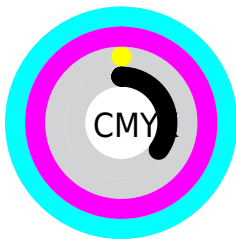
Distribution



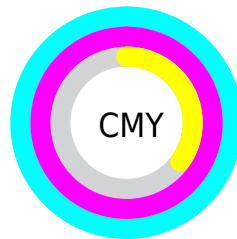
- Red (0%)
- Green (0%)
- Blue (65%)



- Red (0%)
- Yellow (0%)
- Blue (65%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0000A5 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 0000A5 by changing the saturation by 10% instead.


 0000A5

 0000A5

 FFF7FF

 00008A

 5F39DE

 00006F

 7E52FB

 000556

 9D6CFF

 00063D

 BB87FF

 000327

 DAA2FF

 000110

 F8BDFF

 000000

 FFDAFF

 0000A5

■ 1010A5

■ 2121A5

■ 3232A5

■ 4242A5

■ 5252A5

■ 6363A5

■ 7373A5

■ 8484A5

■ 9494A5

Harmonies

Analogous

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



003AC3



0000A5



830068

Triad

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



0000A5



630400



00413C

Complementary

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



0000A5



A5A500

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.



004000



0000A5



2C3100

Square

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



0000A5



890000



003C00



004583

Rectangle

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



0000A5



97003A



003C00



004023

Sweetspot

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



0000A5



9696D6



00A5A5



45456B



EBEBEB



6B6B6B

Same Dimension

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



0000A5



0000D6



5200A5



494952



000091



000012

Inverse Universe

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



A500A5



D600D6



52A500



524952



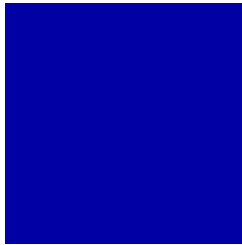
910091



120012

Previews

White Background



This preview shows how the Hex color 0000A5 looks on a white background.

Color Contrast Check

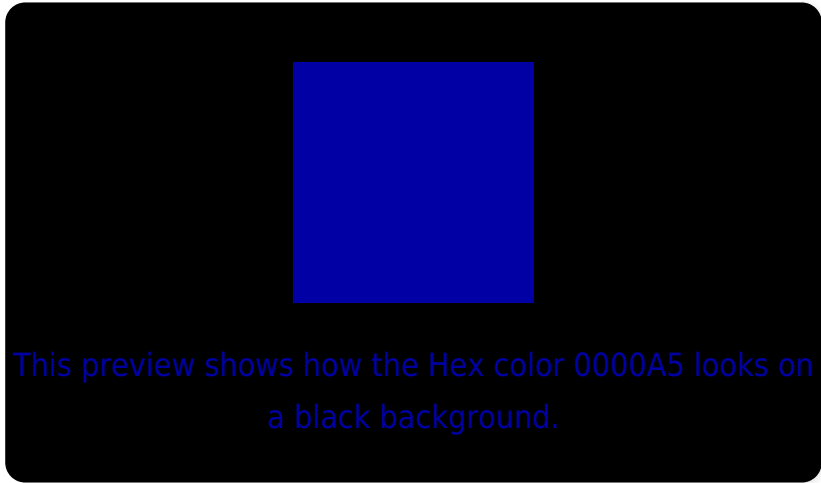
Large Text (above 18pt) WCAG AA ✓ Pass

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

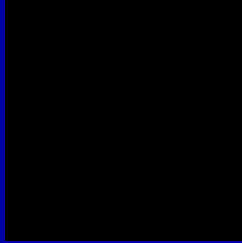
Any Text WCAG AA × Fail

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 0000A5 Background



This preview shows how black text looks on a background with the Hex color 0000A5.



This preview shows how white text looks on a background with the Hex color 0000A5.

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
0000A5

Protanopia
003065

Deuteranopia
003356

Trichromacy



Original Color
0000A5

Protanomaly
001F7C

Deuteranomaly
002073

Tritanomaly
002361

Monochromacy



Original Color
0000A5

Achromatopsia
131313

Achromatomaly
0C0C48

CSS Examples

Text

The CSS property to change the color of the text to Hex 0000A5 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 #0000A5 looks like.

```
.text, #text, p{  
    color:#0000A5  
}
```

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 #0000A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0000A5
}
```

Border

The CSS property to change the border of an element to Hex 0000A5 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
#0000A5 }
```

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

```
.border{ border-color:#0000A5 }
```

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

Here you see how a box with a 4 pixel #0000A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0000A5; -webkit-box-shadow:4px 4px  
4px 4px #0000A5; box-shadow:4px 4px 4px  
4px #0000A5 }
```

Background

The CSS property to change the background color of an element to Hex 0000A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0000A5 }
```

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

```
.background{ background-color:#0000A5 }
```

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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