

Converting Colors

Hex(0D05AD)

Have a look what the booklet for
Hex(0D05AD) contains.

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Color

Hex(0D05AD)

Conversions

Conversions Part 1

Format	Color
Hex	0D05AD
RGB	13, 5, 173
RGB Percent	5%, 2%, 68%
CMY	0.9490, 0.9804, 0.3216
CMYK	0.92, 0.97, 0.00, 0.32
HSL	243°, 94%, 35%
HSV	243°, 97%, 68%
XYZ	7.7631, 3.2112, 39.7458
YIQ	26.5440, -49.1600, 53.9440

Conversions

Conversions Part 2

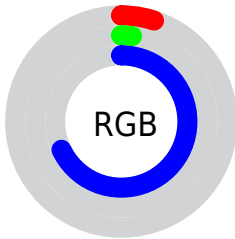
Format	Color
RYB	13, 5, 173
Decimal	853421
CIELab	20.87, 58.01, -79.37
CIELCh	21, 98.307, 306.165
Yxy	3.2112, 0.1531, 0.0633
Android (android.graphics.Color)	4279043501 (0xFF0D05AD)
YUV	26.5440, 72.2028, -11.8781
Hunter-Lab	17.9199, 45.9680, -118.9594

Details

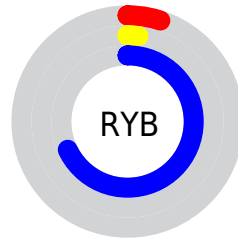
The Hex color **0D05AD** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A5AD05**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **643DE6**, and **000077** is the 20% darker color. If you saturate the color by 10%, you get **0800AD**, and if you desaturate by 10%, it is **1D16AD**.

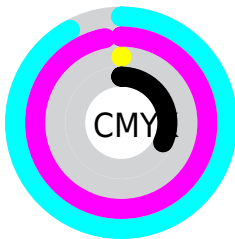
Distribution



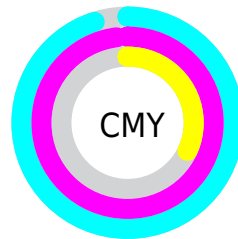
- Red (5%)
- Green (2%)
- Blue (68%)



- Red (5%)
- Yellow (2%)
- Blue (68%)



- Cyan (92%)
- Magenta (97%)
- Yellow (0%)
- Black (32%)



- Cyan (95%)
- Magenta (98%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D05AD 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 0D05AD by changing the saturation by 10% instead.

 0D05AD

 0D05AD

 FFFCFF

 000092

 643DE6

 000077

 8357FF

 00005D

 A271FF

 000844

 C18BFF

 00032D

 DFA7FF

 000117

 FEC2FF

 000000

 FFDFFF

 0D05AD

 0D05AD

■ 0800AD

■ 1D16AD

■ 2E28AD

■ 3E39AD

■ 4F4AAD

■ 5F5CAD

■ 706DAD

■ 807EAD

■ 918FAD

■ A1A1AD

Harmonies

Analogous

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



003ECB



0D05AD



8A006F

Triad

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



0D05AD



6A0800



004740

Complementary

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



0D05AD



A5AD05

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.



004500



0D05AD



313500

Square

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



0D05AD



910000



004100



004A89

Rectangle

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



0D05AD



9F003F



004100



004627

Sweetspot

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



0D05AD



A29FE0



05A7AD



4B4970



F0F0F0



707070

Same Dimension

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



0D05AD



0B00E0



5F05AD



4E4E57



070096



010017

Inverse Universe

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



AD05A5



E000D6



53AD05



574E56



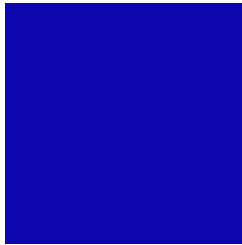
96008F



170016

Previews

White Background



This preview shows how the Hex color 0D05AD looks on a white background.

Color Contrast Check

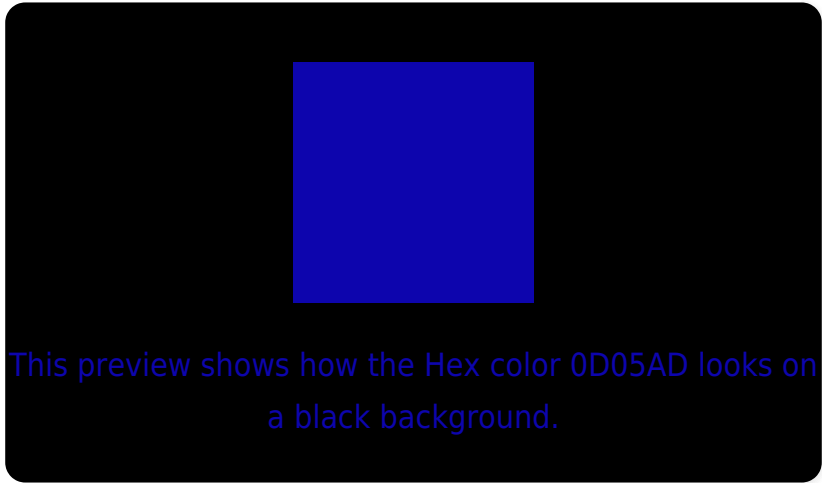
Large Text (above 18pt) WCAG AA ✓ Pass

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

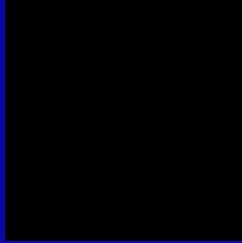
Any Text WCAG AA × Fail

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 0D05AD Background



This preview shows how black text looks on a background with the Hex color 0D05AD.



This preview shows how white text looks on a background with the Hex color 0D05AD.

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
0D05AD

Protanopia
00336B

Deuteranopia
00365A



Tritanopia
003B3D

Trichromacy



Original Color
0D05AD

Protanomaly
052283

Deuteranomaly
052478

Tritanomaly
052766

Monochromacy



Original Color
0D05AD

Achromatopsia
1B1B1B

Achromatomaly
161350

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D05AD 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 #0D05AD looks like.

```
.text, #text, p{  
    color:#0D05AD  
}
```

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 #0D05AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D05AD
}
```

Border

The CSS property to change the border of an element to Hex 0D05AD 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".

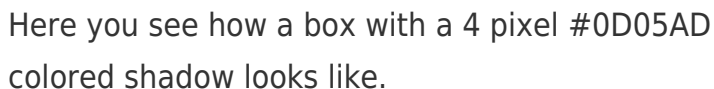
```
.border, #border, table{ border:4px solid
#0D05AD }
```

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

```
.border{ border-color:#0D05AD }
```

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

Here you see how a box with a 4 pixel #0D05AD colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #0D05AD colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D05AD; -webkit-box-shadow:4px 4px  
4px 4px #0D05AD; box-shadow:4px 4px 4px  
4px #0D05AD }
```

Background

The CSS property to change the background color of an element to Hex 0D05AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D05AD }
```

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

```
.background{ background-color:#0D05AD }
```

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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