

Converting Colors

Hex(0D0245)

Have a look what the booklet for
Hex(0D0245) contains.

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Color

Hex(0D0245)

Conversions

Conversions Part 1

Format	Color
Hex	0D0245
RGB	13, 2, 69
RGB Percent	5%, 1%, 27%
CMY	0.9490, 0.9922, 0.7294
CMYK	0.81, 0.97, 0.00, 0.73
HSL	250°, 94%, 14%
HSV	250°, 97%, 27%
XYZ	1.2619, 0.5587, 5.6715
YIQ	12.9270, -14.9510, 23.1690

Conversions

Conversions Part 2

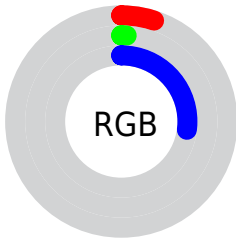
Format	Color
RYB	13, 2, 69
Decimal	852549
CIELab	5.05, 27.68, -38.41
CIELCh	5, 47.339, 305.778
Yxy	0.5587, 0.1684, 0.0746
Android (android.graphics.Color)	4279042629 (0xFF0D0245)
YUV	12.9270, 27.6440, 0.0640
Hunter-Lab	7.4743, 17.0556, -39.7576

Details

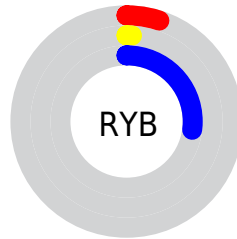
The Hex color **0D0245** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3A4502**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **422E76**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **0B0045**, and if you desaturate by 10%, it is **130945**.

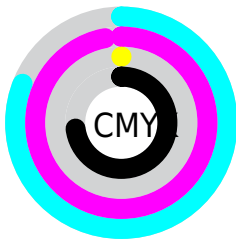
Distribution



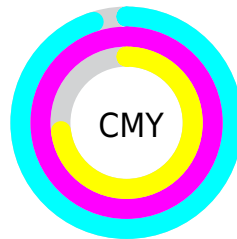
- Red (5%)
- Green (1%)
- Blue (27%)



- Red (5%)
- Yellow (1%)
- Blue (27%)



- Cyan (81%)
- Magenta (97%)
- Yellow (0%)
- Black (73%)



- Cyan (95%)
- Magenta (99%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0245 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 0D0245 by changing the saturation by 10% instead.

0D0245

0D0245

FFE2FF

00002E

422E76

000118

5C4590

000000

765DAB

9176C7

AC90E3

C8AAFF

E5C6FF

0D0245

0D0245

■ 0B0045

■ 130945

■ 191045

■ 1E1745

■ 241E45

■ 2A2545

■ 302B45

■ 353245

■ 3B3945

■ 414045

Harmonies

Analogous

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



001551



0D0245



37002C

Triad

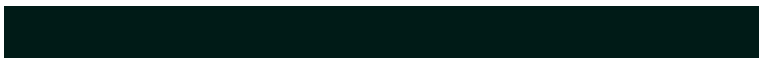
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0D0245



2B0200



001B17

Complementary

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



0D0245



3A4502

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.



001A00



0D0245



0F1300

Square

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



0D0245



3C0000



001A00



001D36

Rectangle

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



0D0245



400018



001A00



001A09

Sweetspot

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



0D0245



443F59



023B45



201E2E



ADADAD



2E2E2E

Same Dimension

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



0D0245



0F0059



2E0245



212024



100063



2500E3

Inverse Universe

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



45023A



59004B



194502



242023



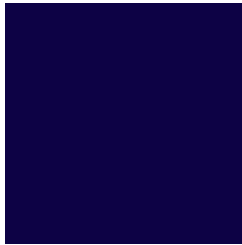
630053



E300BE

Previews

White Background



This preview shows how the Hex color 0D0245 looks on a white background.

Color Contrast Check

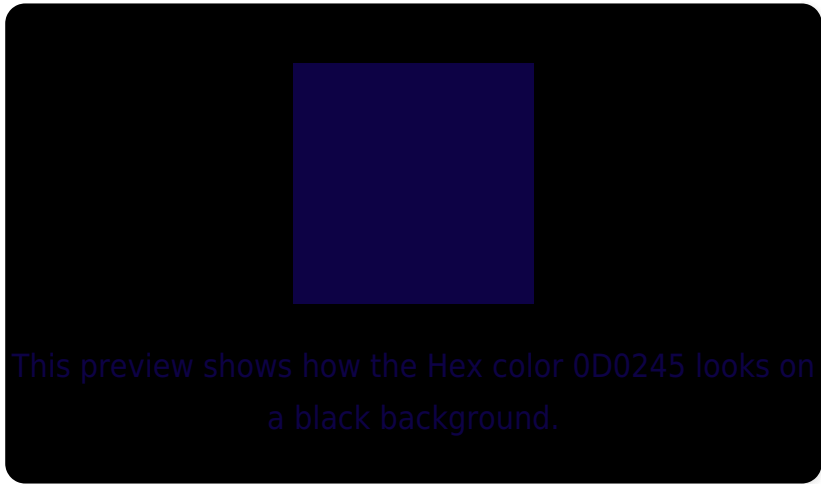
Large Text (above 18pt) WCAG AA ✓ Pass

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

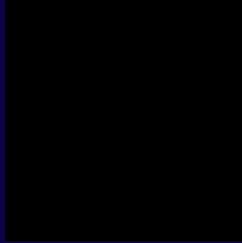
Any Text WCAG AA × Fail

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 0D0245 Background



This preview shows how black text looks on a background with the Hex color 0D0245.



This preview shows how white text looks on a background with the Hex color 0D0245.

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
0D0245

Protanopia
00152C

Deuteranopia
001625



Tritanopia
001819

Trichromacy



Original Color
0D0245

Protanomaly
050E35

Deuteranomaly
050F31

Tritanomaly
051029

Monochromacy



Original Color
0D0245

Achromatopsia
0D0D0D

Achromatomaly
0D0921

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0245 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 #0D0245 looks like.

```
.text, #text, p{  
    color:#0D0245  
}
```

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 #0D0245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0245
}
```

Border

The CSS property to change the border of an element to Hex 0D0245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

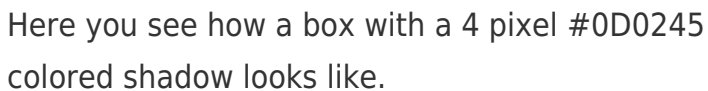
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D0245 }
```

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

```
.border{ border-color:#0D0245 }
```

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



Here you see how a box with a 4 pixel #0D0245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0245; -webkit-box-shadow:4px 4px  
4px 4px #0D0245; box-shadow:4px 4px 4px  
4px #0D0245 }
```

Background

The CSS property to change the background color of an element to Hex 0D0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0245 }
```

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

```
.background{ background-color:#0D0245 }
```

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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