

Converting Colors

Hex(0A0245)

Have a look what the booklet for
Hex(0A0245) contains.

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Color

Hex(0A0245)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0A0245 |
| RGB | 10, 2, 69 |
| RGB Percent | 4%, 1%, 27% |
| CMY | 0.9608, 0.9922, 0.7294 |
| CMYK | 0.86, 0.97, 0.00, 0.73 |
| HSL | 247°, 94%, 14% |
| HSV | 247°, 97%, 27% |
| XYZ | 1.2211, 0.5376, 5.6696 |
| YIQ | 12.0300, -16.7390, 22.5330 |

Conversions

Conversions Part 2

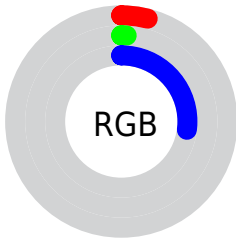
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 10, 2, 69 |
| Decimal | 655941 |
| CIELab | 4.86, 27.21, -38.73 |
| CIELCh | 5, 47.326, 305.089 |
| Yxy | 0.5376, 0.1644, 0.0724 |
| Android (android.graphics.Color) | 4278846021 (0xFF0A0245) |
| YUV | 12.0300, 28.0862, -1.7803 |
| Hunter-Lab | 7.3322, 16.8947, -40.7133 |

Details

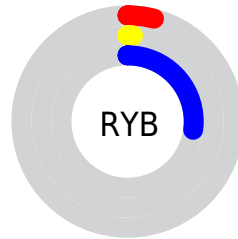
The Hex color **0A0245** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3D4502**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **402E76**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **080045**, and if you desaturate by 10%, it is **100945**.

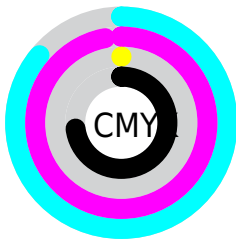
Distribution



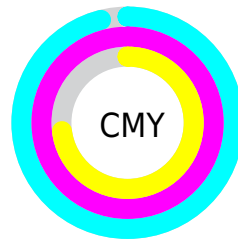
- Red (4%)
- Green (1%)
- Blue (27%)



- Red (4%)
- Yellow (1%)
- Blue (27%)



- Cyan (86%)
- Magenta (97%)
- Yellow (0%)
- Black (73%)



- Cyan (96%)
- Magenta (99%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A0245 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 0A0245 by changing the saturation by 10% instead.

0A0245

0A0245

FFE2FF

00002E

402E76

000118

5A4590

000000

745DAB

8F76C7

AA8FE3

C6AAFF

E3C5FF

0A0245

0A0245

■ 080045

■ 100945

■ 161045

■ 1C1745

■ 221E45

■ 282545

■ 2E2B45

■ 353245

■ 3B3945

■ 414045

Harmonies

Analogous

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



001551



0A0245



37002C

Triad

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



0A0245



2B0100



001A16

Complementary

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



0A0245



3D4502

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



0A0245



0F1200

Square

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



0A0245



3B0000



001A00



001C35

Rectangle

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



0A0245



400018



001A00



001A07

Sweetspot

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



0A0245



423F59



023D45



201E2E



ADADAD



2E2E2E

Same Dimension

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



0A0245



0B0059



2B0245



212024



0C0063



1B00E3

Inverse Universe

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



45023D



59004F



1C4502



242023



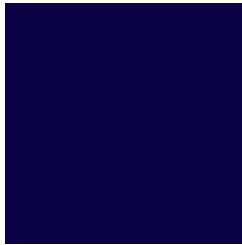
630058



E300C8

Previews

White Background



This preview shows how the Hex color 0A0245 looks on a white background.

Color Contrast Check

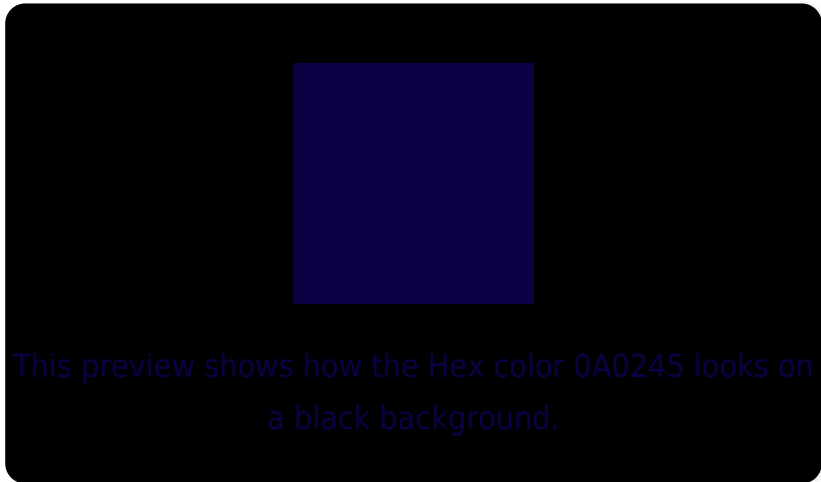
Large Text (above 18pt) WCAG AA ✓ Pass

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

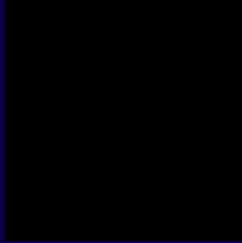
Any Text WCAG AA × Fail

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 0A0245 Background



This preview shows how black text looks on a background with the Hex color 0A0245.



This preview shows how white text looks on a background with the Hex color 0A0245.

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
0A0245

Protanopia
00152B

Deuteranopia
001625



Tritanopia
001819

Trichromacy



Original Color
0A0245

Protanomaly
040E34

Deuteranomaly
040F31

Tritanomaly
041029

Monochromacy



Original Color
0A0245

Achromatopsia
0C0C0C

Achromatomaly
0B0821

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A0245 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 #0A0245 looks like.

```
.text, #text, p{  
    color:#0A0245  
}
```

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 #0A0245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A0245
}
```

Border

The CSS property to change the border of an element to Hex 0A0245 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
#0A0245 }
```

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

```
.border{ border-color:#0A0245 }
```

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

Here you see how a box with a 4 pixel #0A0245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A0245; -webkit-box-shadow:4px 4px  
4px 4px #0A0245; box-shadow:4px 4px 4px  
4px #0A0245 }
```

Background

The CSS property to change the background color of an element to Hex 0A0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A0245 }
```

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

```
.background{ background-color:#0A0245 }
```

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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