

Converting Colors

Hex(0B0462)

Have a look what the booklet for
Hex(0B0462) contains.

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Color

Hex(0B0462)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0B0462 |
| RGB | 11, 4, 98 |
| RGB Percent | 4%, 2%, 38% |
| CMY | 0.9569, 0.9843, 0.6157 |
| CMYK | 0.89, 0.96, 0.00, 0.62 |
| HSL | 244°, 92%, 20% |
| HSV | 244°, 96%, 38% |
| XYZ | 2.3860, 1.0398, 11.6302 |
| YIQ | 16.8090, -26.0020, 30.7180 |

Conversions

Conversions Part 2

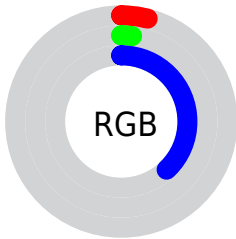
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 11, 4, 98 |
| Decimal | 722018 |
| CIE Lab | 9.32, 37.27, -51.24 |
| CIE LCh | 9, 63.361, 306.030 |
| Yxy | 1.0398, 0.1585, 0.0691 |
| Android (android.graphics.Color) | 4278912098 (0xFF0B0462) |
| YUV | 16.8090, 40.0272, -5.0945 |
| Hunter-Lab | 10.1972, 23.9221, -60.4843 |

Details

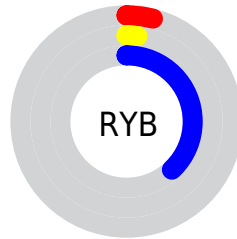
The Hex color **0B0462** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5B6204**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **4C3296**, and **000432** is the 20% darker color. If you saturate the color by 10%, you get **070062**, and if you desaturate by 10%, it is **140E62**.

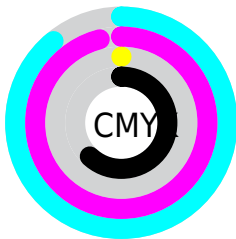
Distribution



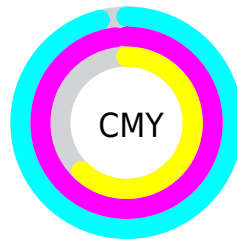
- Red (4%)
- Green (2%)
- Blue (38%)



- Red (4%)
- Yellow (2%)
- Blue (38%)



- Cyan (89%)
- Magenta (96%)
- Yellow (0%)
- Black (62%)



- Cyan (96%)
- Magenta (98%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B0462 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 0B0462 by changing the saturation by 10% instead.

 0B0462

 0B0462

 FFE8FF

 00004A

 4C3296

 000432

 6749B1

 00011C

 8362CD

 000000

 9E7BE9

 BB95FF

 D8B0FF

 F5CCFF

 0B0462

 0B0462

■ 070062

■ 140E62

■ 1D1862

■ 262162

■ 2F2B62

■ 383562

■ 413F62

■ 4A4962

■ 545262

■ 5D5C62

Harmonies

Analogous

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



002174



0B0462



4E003E

Triad

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



0B0462



3C0500



002722

Complementary

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



0B0462



5B6204

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.



002600



0B0462



1A1C00

Square

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



0B0462



530000



002500



00294D

Rectangle

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



0B0462



5A0022



002500



002713

Sweetspot

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



0B0462



5D5B80



045C62



2B2940



BFBFBF



404040

Same Dimension

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



0B0462



090080



390462



2C2C30



080070



1200F0

Inverse Universe

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



62045B



800076



2D6204



302C30



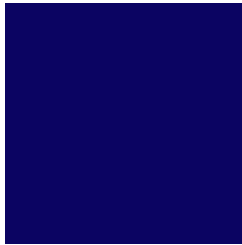
700068



F000DE

Previews

White Background



This preview shows how the Hex color 0B0462 looks on a white background.

Color Contrast Check

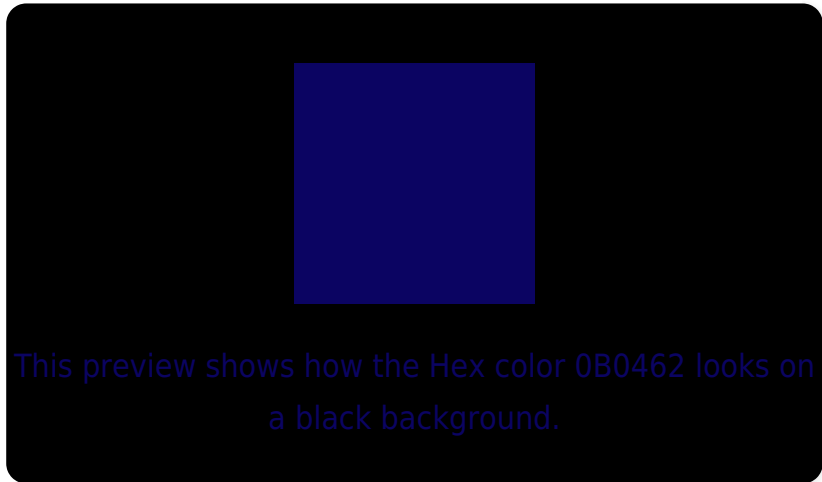
Large Text (above 18pt) WCAG AA ✓ Pass

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

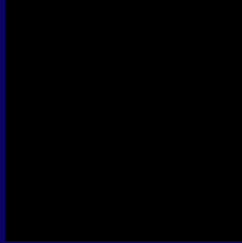
Any Text WCAG AA × Fail

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 0B0462 Background



This preview shows how black text looks on a background with the Hex color 0B0462.



This preview shows how white text looks on a background with the Hex color 0B0462.

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
0B0462

Protanopia
001D3D

Deuteranopia
001F34

Trichromacy



Original Color

0B0462

Protanomaly

04144A

Deuteranomaly

041545

Tritanomaly

04163A

Monochromacy



Original Color

0B0462

Achromatopsia

111111

Achromatomaly

0F0C2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B0462 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 #0B0462 looks like.

```
.text, #text, p{  
    color:#0B0462  
}
```

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 #0B0462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0462
}
```

Border

The CSS property to change the border of an element to Hex 0B0462 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
#0B0462 }
```

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

```
.border{ border-color:#0B0462 }
```

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

Here you see how a box with a 4 pixel #0B0462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0462; -webkit-box-shadow:4px 4px  
4px 4px #0B0462; box-shadow:4px 4px 4px  
4px #0B0462 }
```

Background

The CSS property to change the background color of an element to Hex 0B0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0462 }
```

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

```
.background{ background-color:#0B0462 }
```

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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