

Converting Colors

Hex(0A2001)

Have a look what the booklet for
Hex(0A2001) contains.

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Color

Hex(0A2001)

Conversions

Conversions Part 1

Format	Color
Hex	0A2001
RGB	10, 32, 1
RGB Percent	4%, 13%, 0%
CMY	0.9608, 0.8745, 0.9961
CMYK	0.69, 0.00, 0.97, 0.87
HSL	103°, 94%, 6%
HSV	103°, 97%, 13%
XYZ	0.6472, 1.0997, 0.2069
YIQ	21.8880, -3.1610, -14.3050

Conversions

Conversions Part 2

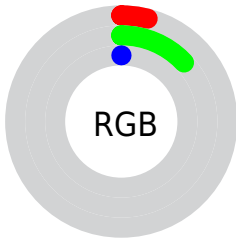
Format	Color
R_{YB}	1, 32, 23
Decimal	663553
CIE Lab	9.80, -15.71, 13.93
CIE LCh	10, 21.000, 138.443
Yxy	1.0997, 0.3312, 0.5629
Android (android.graphics.Color)	4278853633 (0xFF0A2001)
YUV	21.8880, -10.2978, -10.4258
Hunter-Lab	10.4869, -7.3364, 6.1712

Details

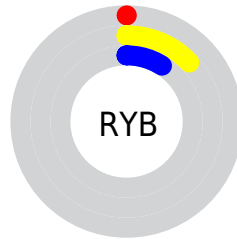
The Hex color **0A2001** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **170120**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **344C30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **092000**, and if you desaturate by 10%, it is **0C2004**.

Distribution



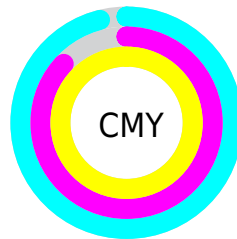
- Red (4%)
- Green (13%)
- Blue (0%)



- Red (0%)
- Yellow (13%)
- Blue (9%)



- Cyan (69%)
- Magenta (0%)
- Yellow (97%)
- Black (87%)



- Cyan (96%)
- Magenta (87%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A2001 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 0A2001 by changing the saturation by 10% instead.

0A2001

0A2001

EAF FE3

000000

344C30

4B6447

647D5E

7D9777

97B291

B2CEAB

CDEAC7

0A2001

0A2001

■ 092000

■ 0C2004

■ 0F2007

■ 11200B

■ 13200E

■ 152011

■ 182014

■ 1A2017

■ 1C201B

■ 1E201E

Harmonies

Analogous

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



1B1D00



0A2001



002215

Triad

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



0A2001



001E37



350E13

Complementary

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



0A2001



170120

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.



320E21



0A2001



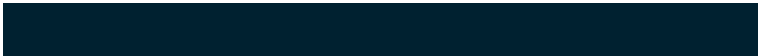
101A36

Square

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



0A2001



002130



27132E



311200

Rectangle

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



0A2001



00221F



27132E



340D18

Sweetspot

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



0A2001



20291D



201701



0F140D



949494



141414

Same Dimension

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



0A2001



0C2900



012007



0E0F0E



174F00



3CCF00

Inverse Universe

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



170120



1D0029



20011A



0F0E0F



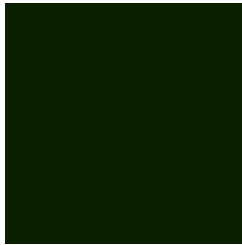
38004F



9300CF

Previews

White Background



This preview shows how the Hex color 0A2001 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

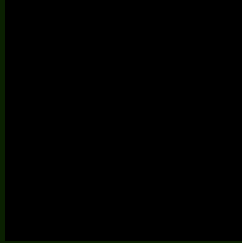
Any Text WCAG AA × Fail

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 0A2001 Background



This preview shows how black text looks on a background with the Hex color 0A2001.



This preview shows how white text looks on a background with the Hex color 0A2001.

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
0A2001

Protanopia
1F1C00

Deuteranopia
231A07

Trichromacy



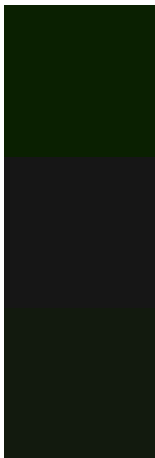
Original Color
0A2001

Protanomaly
171D00

Deuteranomaly
1A1C05

Tritanomaly
0E1F15

Monochromacy



Original Color
0A2001

Achromatopsia
161616

Achromatomaly
121A0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A2001 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 #0A2001 looks like.

```
.text, #text, p{  
    color:#0A2001  
}
```

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 #0A2001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2001
}
```

Border

The CSS property to change the border of an element to Hex 0A2001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

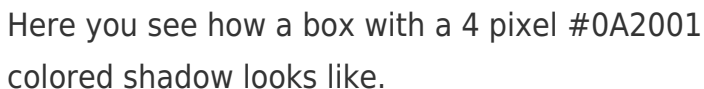
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A2001 }
```

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

```
.border{ border-color:#0A2001 }
```

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



Here you see how a box with a 4 pixel #0A2001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2001; -webkit-box-shadow:4px 4px  
4px 4px #0A2001; box-shadow:4px 4px 4px  
4px #0A2001 }
```

Background

The CSS property to change the background color of an element to Hex 0A2001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2001 }
```

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

```
.background{ background-color:#0A2001 }
```

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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