

# Converting Colors

Hex(0A2800)

Have a look what the booklet for  
Hex(0A2800) contains.

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# Color

**Hex(0A2800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A2800
RGB	10, 40, 0
RGB Percent	4%, 16%, 0%
CMY	0.9608, 0.8431, 1.0000
CMYK	0.75, 0.00, 1.00, 0.84
HSL	105°, 100%, 8%
HSV	105°, 100%, 16%
XYZ	0.8840, 1.5821, 0.2588
YIQ	26.4700, -5.0400, -18.8000

# Conversions

## Conversions Part 2

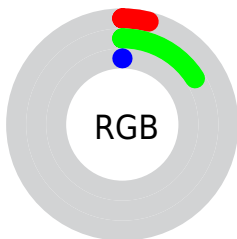
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 40, 30</a>
Decimal	<a href="#">665600</a>
CIELab	<a href="#">13.12, -20.37, 18.92</a>
CIElCh	<a href="#">13, 27.803, 137.116</a>
Yxy	<a href="#">1.5821, 0.3244, 0.5806</a>
Android (android.graphics.Color)	<a href="#">4278855680 (0xFF0A2800)</a>
YUV	<a href="#">26.4700, -13.0497, -14.4442</a>
Hunter-Lab	<a href="#">12.5782, -9.4673, 7.5849</a>

# Details

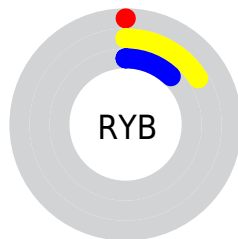
The Hex color **0A2800** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1E0028**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **36562F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A2800**, and if you desaturate by 10%, it is **0D2804**.

# Distribution



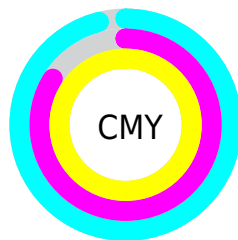
- Red (4%)
- Green (16%)
- Blue (0%)



- Red (0%)
- Yellow (16%)
- Blue (12%)



- Cyan (75%)
- Magenta (0%)
- Yellow (100%)
- Black (84%)



- Cyan (96%)
- Magenta (84%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A2800 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 0A2800 by changing the saturation by 10% instead.



 0A2800

 0A2800

 EDFFE2

 001300

 36562F

 000000

 4E6E46

 66885E

 80A276

 9ABD90

 B5D9AB

 D1F6C6

 0A2800

■ 0D2804

■ 102808

■ 13280C

■ 162810

■ 192814

■ 1C2818

■ 1F281C

■ 222820

■ 252824

# Harmonies

## Analogous

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



212400



0A2800



002A19

# Triad

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



0A2800



002648



440D18

# Complementary

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



0A2800



1E0028

# 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.



400E2B



0A2800



0D2047

# Square

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



0A2800



002A3E



30173C



3F1500

# Rectangle

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



0A2800



002B26



30173C



440C1E



# Sweetspot

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



0A2800



283324



281E00



131A10



999999



1A1A1A



# Same Dimension

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



0A2800



0D3300



00280A



131412



155400



35D400



# Inverse Universe

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



1E0028



260033



28001E



141214



3F0054

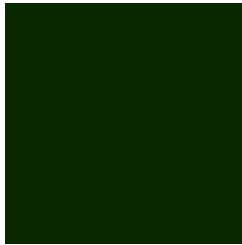


9F00D4



# Previews

## White Background



This preview shows how the Hex color 0A2800 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

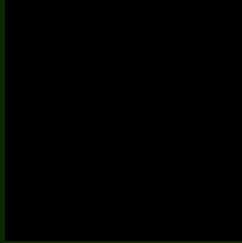
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0A2800 Background



This preview shows how black text looks on a background with the Hex color 0A2800.



This preview shows how white text looks on a background with the Hex color 0A2800.

# 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**  
0A2800

**Protanopia**  
272200

**Deuteranopia**  
2B2109



**Tritanopia**  
132528

# Trichromacy



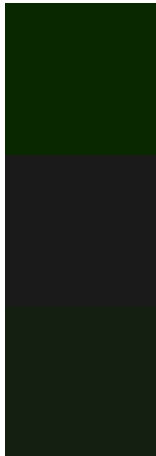
**Original Color**  
0A2800

**Protanomaly**  
1C2400

**Deuteranomaly**  
1F2406

**Tritanomaly**  
102619

# Monochromacy



**Original Color**  
0A2800

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
141F11

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A2800 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 #0A2800 looks like.

```
.text, #text, p{  
    color:#0A2800  
}
```

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 #0A2800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2800
}
```

## Border

The CSS property to change the border of an element to Hex 0A2800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

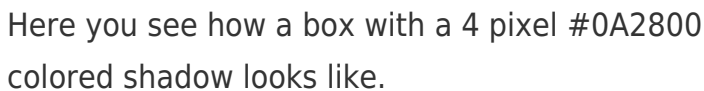
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A2800 }
```

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

```
.border{ border-color:#0A2800 }
```

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



Here you see how a box with a 4 pixel #0A2800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2800; -webkit-box-shadow:4px 4px  
4px 4px #0A2800; box-shadow:4px 4px 4px  
4px #0A2800 }
```

# Background

The CSS property to change the background color of an element to Hex 0A2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2800 }
```

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

```
.background{ background-color:#0A2800 }
```

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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