

# Converting Colors

Hex(0C280B)

Have a look what the booklet for  
Hex(0C280B) contains.

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# Color

**Hex(0C280B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C280B
RGB	12, 40, 11
RGB Percent	5%, 16%, 4%
CMY	0.9529, 0.8431, 0.9569
CMYK	0.70, 0.00, 0.73, 0.84
HSL	118°, 57%, 10%
HSV	118°, 72%, 16%
XYZ	0.9708, 1.6199, 0.5781
YIQ	28.3220, -7.3790, -14.9550

# Conversions

## Conversions Part 2

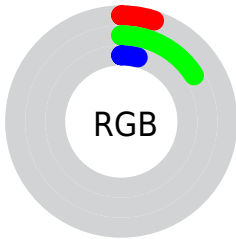
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 40, 39
Decimal	796683
CIELab	13.35, -18.03, 14.75
CIELCh	13, 23.293, 140.711
Yxy	1.6199, 0.3064, 0.5112
Android (android.graphics.Color)	4278986763 (0xFF0C280B)
YUV	28.3220, -8.5397, -14.3144
Hunter-Lab	12.7276, -8.6578, 6.2162

# Details

The Hex color **0C280B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **270B28**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **385636**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **082807**, and if you desaturate by 10%, it is **10280F**.

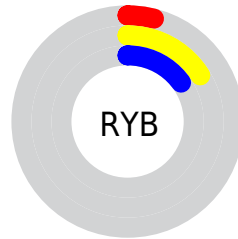
# Distribution



Red (5%)

Green (16%)

Blue (4%)



Red (4%)

Yellow (16%)

Blue (15%)

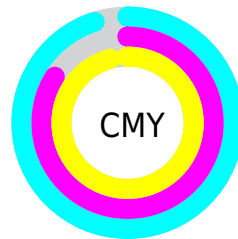


Cyan (70%)

Magenta (0%)

Yellow (73%)

Black (84%)



Cyan (95%)

Magenta (84%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C280B 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 0C280B by changing the saturation by 10% instead.



 0C280B

 0C280B

 EFFFEB

 001400

 385636

 000000

 506E4D

 688765

 82A27F

 9CBD99

 B7D9B3

 D3F5CF

 0C280B

 0C280B

■ 082807

■ 10280F

■ 042803

■ 142813

■ 012800

■ 182817

■ 1B281B

■ 1F281F

■ 232823

■ 272827

■ 2B282B

■ 2F282F

# Harmonies

## Analogous

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



212500



0C280B



002A1D

# Triad

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



0C280B



002642



3F1418

# Complementary

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



0C280B



270B28

# 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.



3D1328



0C280B



192041

# Square

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



0C280B



00293B



311937



3A1905

# Rectangle

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



0C280B



002A28



311937



40131D



# Sweetspot

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



0C280B



283328



28270B



131A13



999999



1A1A1A



# Same Dimension

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



0C280B



083307



0B2818



121412



035400



07D400



# Inverse Universe

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



270B28



310733



280B1B



141214



510054

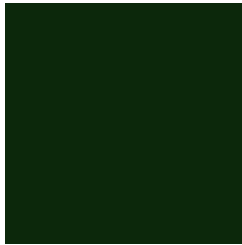


CC00D4



# Previews

## White Background



This preview shows how the Hex color 0C280B looks on a white background.

## Color Contrast Check

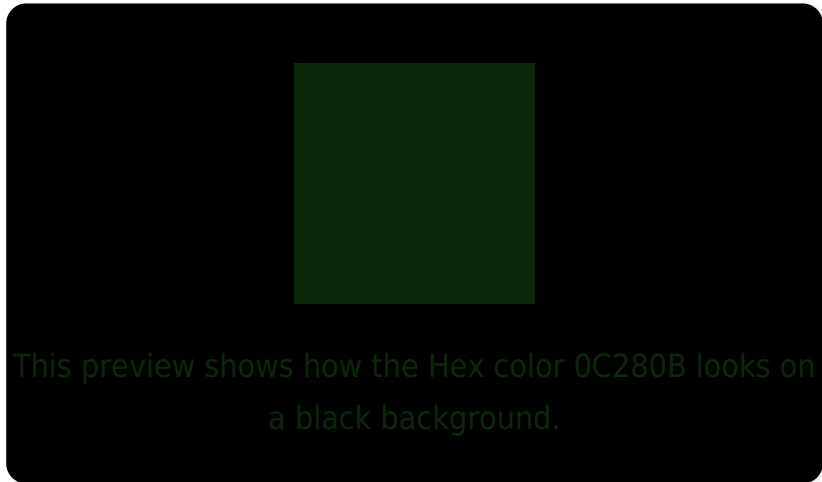
Large Text (above 18pt) WCAG AA ✓ Pass

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

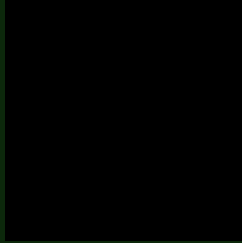
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C280B Background



This preview shows how black text looks on a background with the Hex color 0C280B.



This preview shows how white text looks on a background with the Hex color 0C280B.

# 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**  
0C280B

**Protanopia**  
27230A

**Deuteranopia**  
2B210E



**Tritanopia**  
142528

# Trichromacy



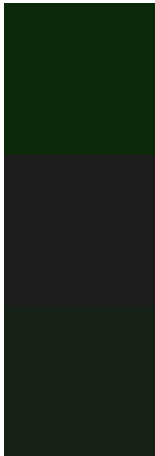
**Original Color**  
0C280B

**Protanomaly**  
1D250A

**Deuteranomaly**  
20240D

**Tritanomaly**  
11261D

# Monochromacy



**Original Color**  
0C280B

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
162016

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C280B 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 #0C280B looks like.

```
.text, #text, p{  
    color:#0C280B  
}
```

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 #0C280B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C280B
}
```

## Border

The CSS property to change the border of an element to Hex 0C280B 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".

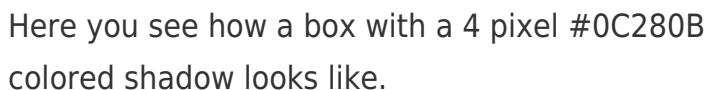
```
.border, #border, table{ border:4px solid
#0C280B }
```

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

```
.border{ border-color:#0C280B }
```

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

Here you see how a box with a 4 pixel #0C280B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C280B; -webkit-box-shadow:4px 4px  
4px 4px #0C280B; box-shadow:4px 4px 4px  
4px #0C280B }
```

# Background

The CSS property to change the background color of an element to Hex 0C280B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C280B }
```

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

```
.background{ background-color:#0C280B }
```

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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