

Converting Colors

Hex(0B280A)

Have a look what the booklet for
Hex(0B280A) contains.

Hex(0B280A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0B280A)

Conversions

Conversions Part 1

Format	Color
Hex	0B280A
RGB	11, 40, 10
RGB Percent	4%, 16%, 4%
CMY	0.9569, 0.8431, 0.9608
CMYK	0.73, 0.00, 0.75, 0.84
HSL	118°, 60%, 10%
HSV	118°, 75%, 16%
XYZ	0.9516, 1.6106, 0.5479
YIQ	27.9090, -7.6540, -15.4780

Conversions

Conversions Part 2

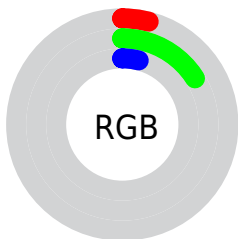
Format	Color
RYB	10, 40, 39
Decimal	731146
CIELab	13.29, -18.51, 15.09
CIElCh	13, 23.876, 140.816
Yxy	1.6106, 0.3060, 0.5179
Android (android.graphics.Color)	4278921226 (0xFF0B280A)
YUV	27.9090, -8.8291, -14.8292
Hunter-Lab	12.6911, -8.8254, 6.3242

Details

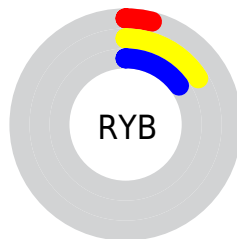
The Hex color **0B280A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **270A28**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **375636**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **072806**, and if you desaturate by 10%, it is **0F280E**.

Distribution



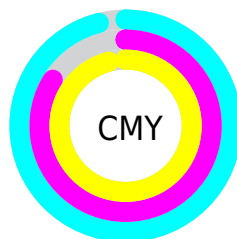
- Red (4%)
- Green (16%)
- Blue (4%)



- Red (4%)
- Yellow (16%)
- Blue (15%)



- Cyan (73%)
- Magenta (0%)
- Yellow (75%)
- Black (84%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0B280A 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 0B280A by changing the saturation by 10% instead.

 0B280A

 0B280A

 EFFFEA

 001400

 375636

 000000

 4F6E4D

 688865

 81A27E

 9BBD98

 B6D9B3

 D2F5CE

 0B280A

 0B280A

■ 072806

■ 0F280E

■ 032802

■ 132812

■ 012800

■ 172816

■ 1A281A

■ 1E281E

■ 222822

■ 262826

■ 2A282A

■ 2E282E

Harmonies

Analogous

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



212500



0B280A



002A1C

Triad

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



0B280A



002643



401317

Complementary

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



0B280A



270A28

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



0B280A



182041

Square

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



0B280A



00293C



311937



3B1904

Rectangle

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



0B280A



002A28



311937



40121D

Sweetspot

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



0B280A



283327



28270A



131A12



999999



1A1A1A

Same Dimension

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



0B280A



073305



0A2818



121412



035400



07D400

Inverse Universe

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



270A28



310533



280A1A



141214



510054



CD00D4

Previews

White Background



This preview shows how the Hex color 0B280A looks on a white background.

Color Contrast Check

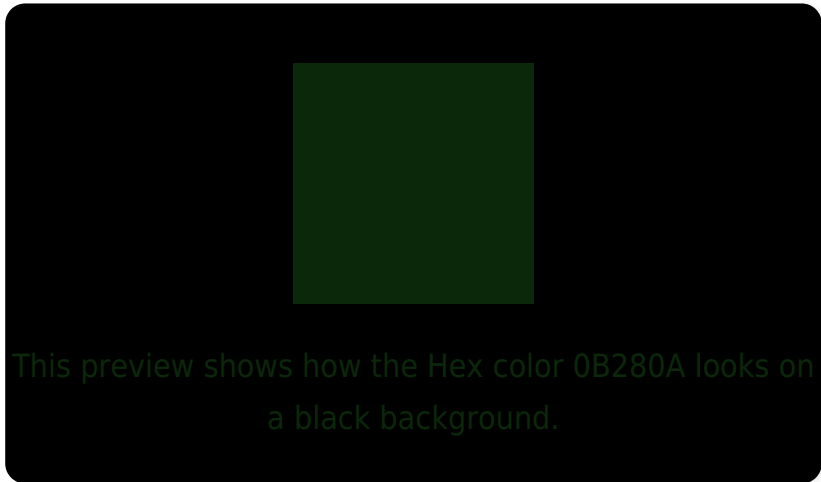
Large Text (above 18pt) WCAG AA ✓ Pass

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

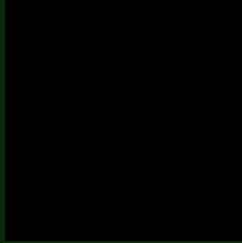
Any Text WCAG AA × Fail

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 0B280A Background



This preview shows how black text looks on a background with the Hex color 0B280A.



This preview shows how white text looks on a background with the Hex color 0B280A.

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
0B280A

Protanopia
272309

Deuteranopia
2B210D



Tritanopia
132528

Trichromacy



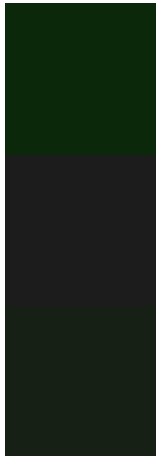
Original Color
0B280A

Protanomaly
1D2509

Deuteranomaly
1F240C

Tritanomaly
10261D

Monochromacy



Original Color
0B280A

Achromatopsia
1C1C1C

Achromatomaly
162015

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B280A 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 #0B280A looks like.

```
.text, #text, p{  
    color:#0B280A  
}
```

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 #0B280A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B280A
}
```

Border

The CSS property to change the border of an element to Hex 0B280A 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".

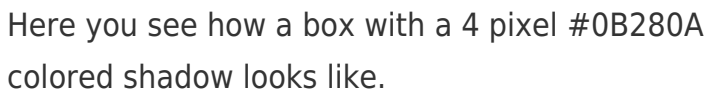
```
.border, #border, table{ border:4px solid
#0B280A }
```

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

```
.border{ border-color:#0B280A }
```

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

Here you see how a box with a 4 pixel #0B280A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B280A; -webkit-box-shadow:4px 4px  
4px 4px #0B280A; box-shadow:4px 4px 4px  
4px #0B280A }
```

Background

The CSS property to change the background color of an element to Hex 0B280A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B280A }
```

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

```
.background{ background-color:#0B280A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor