

Converting Colors

Hex(3A2E0C)

Have a look what the booklet for
Hex(3A2E0C) contains.

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Color

Hex(3A2E0C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3A2E0C |
| RGB | 58, 46, 12 |
| RGB Percent | 23%, 18%, 5% |
| CMY | 0.7725, 0.8196, 0.9529 |
| CMYK | 0.00, 0.21, 0.79, 0.77 |
| HSL | 44°, 66%, 14% |
| HSV | 44°, 79%, 23% |
| XYZ | 2.7883, 2.8801, 0.7568 |
| YIQ | 45.7120, 18.0660, -8.0300 |

Conversions

Conversions Part 2

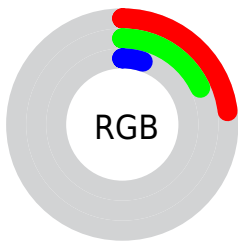
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 28, 58, 12 |
| Decimal | 3812876 |
| CIELab | 19.56, 0.94, 22.89 |
| CIELCh | 20, 22.914, 87.641 |
| Yxy | 2.8801, 0.4340, 0.4483 |
| Android (android.graphics.Color) | 4282002956 (0xFF3A2E0C) |
| YUV | 45.7120, -16.6200, 10.7766 |
| Hunter-Lab | 16.9708, -0.3715, 9.2356 |

Details

The Hex color **3A2E0C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C183A**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6B5C38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A2C06**, and if you desaturate by 10%, it is **3A3012**.

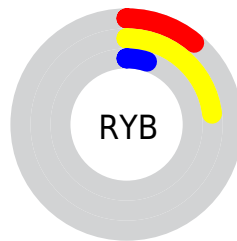
Distribution



Red (23%)

Green (18%)

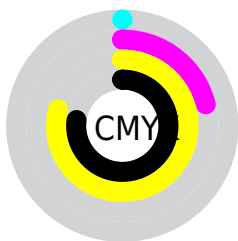
Blue (5%)



Red (11%)

Yellow (23%)

Blue (5%)

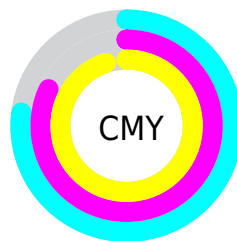


Cyan (0%)

Magenta (21%)

Yellow (79%)

Black (77%)



Cyan (77%)

Magenta (82%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2E0C 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 3A2E0C by changing the saturation by 10% instead.

 3A2E0C

 3A2E0C

 FFFFEE

 241900

 6B5C38

 000000

 85744F

 A08E67

 BBA881

 D7C39B

 F4DFB6

 FFFCD1

 3A2E0C

 3A2E0C

■ 3A2C06

■ 3A3012

■ 3A2B00

■ 3A3118

■ 3A331D

■ 3A3423

■ 3A3629

■ 3A372F

■ 3A3935

■ 3A3A3A

■ 3A3C40

Harmonies

Analogous

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



472813



3A2E0C



293310

Triad

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



3A2E0C



00373E



432541

Complementary

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



3A2E0C



0C183A

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.



2E2B4D



3A2E0C



00364B

Square

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



3A2E0C



00382D



083251



4D2131

Rectangle

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



3A2E0C



1C3518



083251



3D2746

Sweetspot

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



3A2E0C



4D483A



3A0C18



26231B



A6A6A6



262626

Same Dimension

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



3A2E0C



4D3A04



2F3A0C



1C1B19



5C4400



DBA200

Inverse Universe

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



0C183A



04174D



170C3A



191A1C



00185C



0039DB

Previews

White Background



This preview shows how the Hex color 3A2E0C looks on a white background.

Color Contrast Check

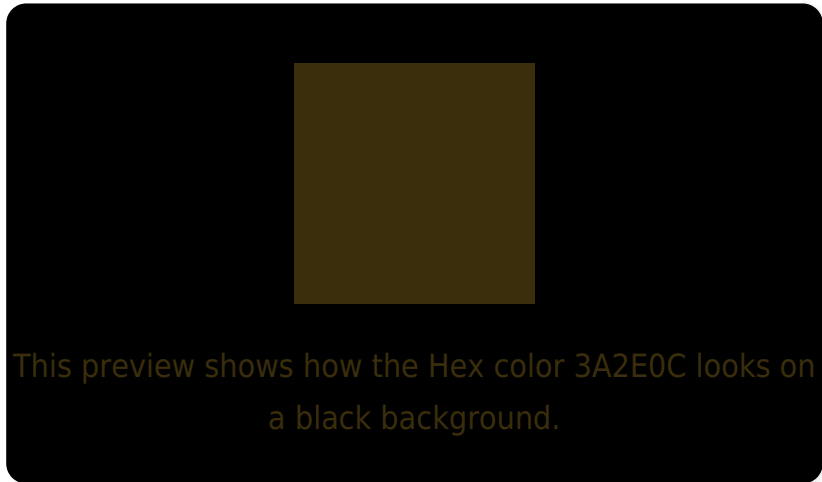
Large Text (above 18pt) WCAG AA ✓ Pass

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

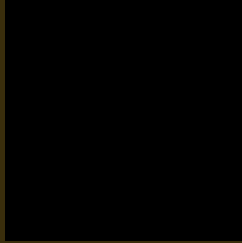
Any Text WCAG AA × Fail

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 3A2E0C Background



This preview shows how black text looks on a background with the Hex color 3A2E0C.

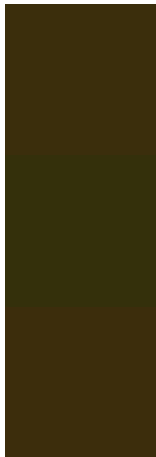


This preview shows how white text looks on a background with the Hex color 3A2E0C.

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
3A2E0C

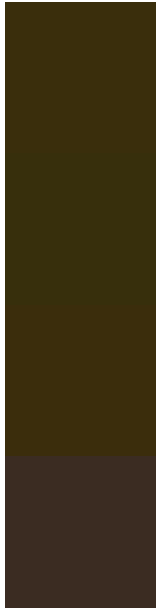
Protanopia
35300C

Deuteranopia
3C2D0C



Tritanopia
3C2B2E

Trichromacy



Original Color
3A2E0C

Protanomaly
372F0C

Deuteranomaly
3B2D0C

Tritanomaly
3B2C22

Monochromacy



Original Color
3A2E0C

Achromatopsia
2E2E2E

Achromatomaly
322E22

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2E0C 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 #3A2E0C looks like.

```
.text, #text, p{  
    color:#3A2E0C  
}
```

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 #3A2E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2E0C
}
```

Border

The CSS property to change the border of an element to Hex 3A2E0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

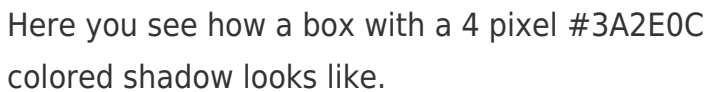
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A2E0C }
```

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

```
.border{ border-color:#3A2E0C }
```

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



Here you see how a box with a 4 pixel #3A2E0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2E0C; -webkit-box-shadow:4px 4px  
4px 4px #3A2E0C; box-shadow:4px 4px 4px  
4px #3A2E0C }
```

Background

The CSS property to change the background color of an element to Hex 3A2E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2E0C }
```

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

```
.background{ background-color:#3A2E0C }
```

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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