

# Converting Colors

Hex(3C2A00)

Have a look what the booklet for  
Hex(3C2A00) contains.

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**Color**

**Hex(3C2A00)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 3C2A00                    |
| RGB         | 60, 42, 0                 |
| RGB Percent | 24%, 16%, 0%              |
| CMY         | 0.7647, 0.8353, 1.0000    |
| CMYK        | 0.00, 0.30, 1.00, 0.76    |
| HSL         | 42°, 100%, 12%            |
| HSV         | 42°, 100%, 24%            |
| XYZ         | 2.6914, 2.6166, 0.3632    |
| YIQ         | 42.5940, 24.2100, -9.2460 |

# Conversions

## Conversions Part 2

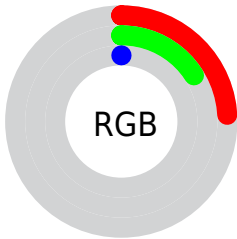
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 26, 60, 0                     |
| Decimal                             | 3942912                       |
| CIE <sub>Lab</sub>                  | 18.44, 3.96, 26.59            |
| CIE <sub>LCh</sub>                  | 18, 26.888, 81.528            |
| Yxy                                 | 2.6166, 0.4746,<br>0.4614     |
| Android<br>(android.graphics.Color) | 4282132992<br>(0xFF3C2A00)    |
| YUV                                 | 42.5940, -20.9988,<br>15.2651 |
| Hunter-Lab                          | 16.1759, 1.3922,<br>9.9919    |

# Details

The Hex color **3C2A00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **00123C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6E572F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C2A00**, and if you desaturate by 10%, it is **3C2C06**.

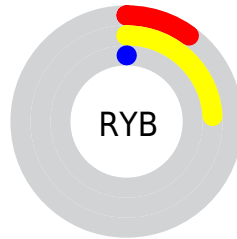
# Distribution



Red (24%)

Green (16%)

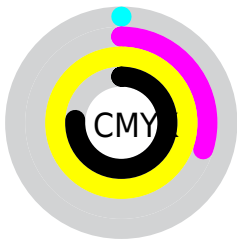
Blue (0%)



Red (10%)

Yellow (24%)

Blue (0%)

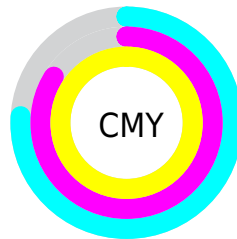


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (76%)



Cyan (76%)

Magenta (84%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C2A00 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 3C2A00 by changing the saturation by 10% instead.



 3C2A00

 3C2A00

 FFFFE3

 241600

 6E572F

 000000

 886F46

 A3895E

 BFA377

 DBBE91

 F8DAAC

 FFF6C7

 3C2A00

■ 3C2C06

■ 3C2E0C

■ 3C2F12

■ 3C3118

■ 3C331E

■ 3C3524

■ 3C372A

■ 3C3830

■ 3C3A36

# Harmonies

## Analogous

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



49220E



3C2A00



2A3003

# Triad

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



3C2A00



00363B



3F2245

# Complementary

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



3C2A00



00123C

# 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.



232A51



3C2A00



00354B

# Square

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



3C2A00



003627



003153



4D1B33

# Rectangle

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



3C2A00



1A330E



003153



38244A



# Sweetspot

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



3C2A00



4F4837



3C0012



29241A



A8A8A8



292929



# Same Dimension

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



3C2A00



4F3700



303C00



1F1E1C



5E4200



DE9B00



# Inverse Universe

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



00123C



00184F



0C003C



1C1C1F



001C5E

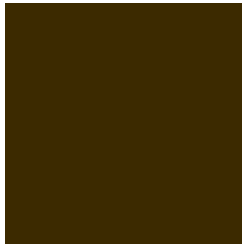


0043DE



# Previews

## White Background



This preview shows how the Hex color 3C2A00 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

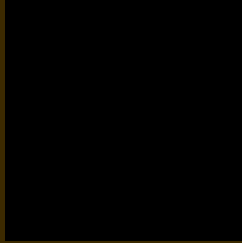
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C2A00 Background



This preview shows how black text looks on a background with the Hex color 3C2A00.



This preview shows how white text looks on a background with the Hex color 3C2A00.

# 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**

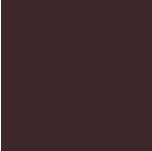
3C2A00

**Protanopia**

332E04

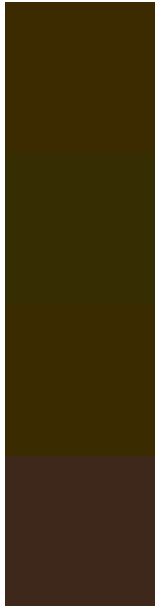
**Deuteranopia**

3A2B00



**Tritanopia**  
3E272A

# Trichromacy



**Original Color**  
3C2A00

**Protanomaly**  
362D03

**Deuteranomaly**  
3B2B00

**Tritanomaly**  
3D281B

# Monochromacy



**Original Color**  
3C2A00

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
312B1B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C2A00 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 #3C2A00 looks like.

```
.text, #text, p{  
    color:#3C2A00  
}
```

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 #3C2A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2A00
}
```

## Border

The CSS property to change the border of an element to Hex 3C2A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

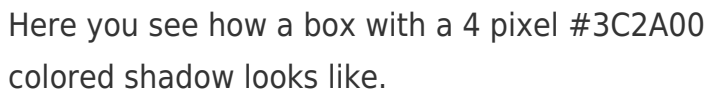
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C2A00 }
```

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

```
.border{ border-color:#3C2A00 }
```

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



Here you see how a box with a 4 pixel #3C2A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2A00; -webkit-box-shadow:4px 4px  
4px 4px #3C2A00; box-shadow:4px 4px 4px  
4px #3C2A00 }
```

# Background

The CSS property to change the background color of an element to Hex 3C2A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2A00 }
```

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

```
.background{ background-color:#3C2A00 }
```

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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