

Converting Colors

Hex(3C2C01)

Have a look what the booklet for
Hex(3C2C01) contains.

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Color

Hex(3C2C01)

Conversions

Conversions Part 1

Format	Color
Hex	3C2C01
RGB	60, 44, 1
RGB Percent	24%, 17%, 0%
CMY	0.7647, 0.8275, 0.9961
CMYK	0.00, 0.27, 0.98, 0.76
HSL	44°, 97%, 12%
HSV	44°, 98%, 24%
XYZ	2.7696, 2.7642, 0.4163
YIQ	43.8820, 23.3390, -9.9810

Conversions

Conversions Part 2

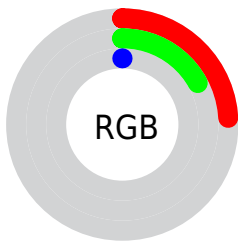
Format	Color
R_{YB}	23, 60, 1
Decimal	3943425
CIE _{Lab}	19.07, 2.68, 26.93
CIE _{LCh}	19, 27.065, 84.312
Yxy	2.7642, 0.4655, 0.4646
Android (android.graphics.Color)	4282133505 (0xFF3C2C01)
YUV	43.8820, -21.1408, 14.1355
Hunter-Lab	16.6259, 0.6402, 10.1536

Details

The Hex color **3C2C01** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **01113C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **6E5930**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C2C00**, and if you desaturate by 10%, it is **3C2E07**.

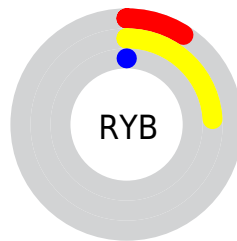
Distribution



Red (24%)

Green (17%)

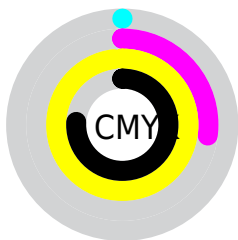
Blue (0%)



Red (9%)

Yellow (24%)

Blue (0%)

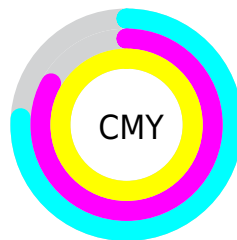


Cyan (0%)

Magenta (27%)

Yellow (98%)

Black (76%)



Cyan (76%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C2C01 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 3C2C01 by changing the saturation by 10% instead.

 3C2C01

 3C2C01

 FFFFE4

 241800

 6E5930

 000000

 887247

 A38B5F

 BFA578

 DBC192

 F8DCAD

 FFF9C8

 3C2C01

 3C2C01

■ 3C2C00

■ 3C2E07

■ 3C2F0D

■ 3C3113

■ 3C3319

■ 3C341F

■ 3C3625

■ 3C372B

■ 3C3931

■ 3C3B37

Harmonies

Analogous

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



4A240E



3C2C01



293205

Triad

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



3C2C01



00383E



432245

Complementary

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



3C2C01



01113C

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.



282B52



3C2C01



00364E

Square

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



3C2C01



00372A



003255



501C33

Rectangle

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



3C2C01



193510



003255



3B254B

Sweetspot

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



3C2C01



4F4937



3C0112



29251A



A8A8A8



292929

Same Dimension

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



3C2C01



4F3A00



2F3C01



1F1E1C



5E4500



DEA200

Inverse Universe

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



01113C



00154F



0E013C



1C1C1F



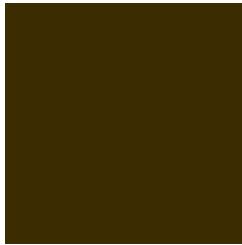
001A5E



003CDE

Previews

White Background



This preview shows how the Hex color 3C2C01 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

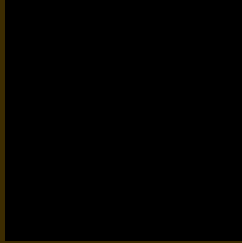
Any Text WCAG AA × Fail

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 3C2C01 Background



This preview shows how black text looks on a background with the Hex color 3C2C01.



This preview shows how white text looks on a background with the Hex color 3C2C01.

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
3C2C01

Protanopia
352F04

Deuteranopia
3B2C00



Tritanopia
3E292C

Trichromacy



Original Color
3C2C01

Protanomaly
382E03

Deuteranomaly
3B2C00

Tritanomaly
3D2A1C

Monochromacy



Original Color
3C2C01

Achromatopsia
2C2C2C

Achromatomaly
322C1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C2C01 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 #3C2C01 looks like.

```
.text, #text, p{  
    color:#3C2C01  
}
```

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 #3C2C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2C01  
}
```

Border

The CSS property to change the border of an element to Hex 3C2C01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

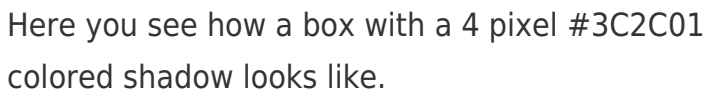
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3C2C01 }
```

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

```
.border{ border-color:#3C2C01 }
```

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



Here you see how a box with a 4 pixel #3C2C01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2C01; -webkit-box-shadow:4px 4px  
4px 4px #3C2C01; box-shadow:4px 4px 4px  
4px #3C2C01 }
```

Background

The CSS property to change the background color of an element to Hex 3C2C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2C01 }
```

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

```
.background{ background-color:#3C2C01 }
```

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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