

# Converting Colors

Hex(3B2C01)

Have a look what the booklet for  
Hex(3B2C01) contains.

<b>Hex(3B2C01)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(3B2C01)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B2C01
RGB	59, 44, 1
RGB Percent	23%, 17%, 0%
CMY	0.7686, 0.8275, 0.9961
CMYK	0.00, 0.25, 0.98, 0.77
HSL	44°, 97%, 12%
HSV	44°, 98%, 23%
XYZ	2.7098, 2.7334, 0.4135
YIQ	43.5830, 22.7430, -10.1930

# Conversions

## Conversions Part 2

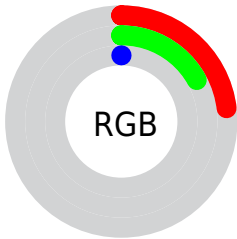
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 59, 1
Decimal	3877889
CIE Lab	18.94, 2.13, 26.75
CIE LCh	19, 26.830, 85.446
Yxy	2.7334, 0.4627, 0.4667
Android (android.graphics.Color)	4282067969 (0xFF3B2C01)
YUV	43.5830, -20.9934, 13.5207
Hunter-Lab	16.5329, 0.3242, 10.0902

# Details

The Hex color **3B2C01** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **01103B**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **6D5930**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B2C00**, and if you desaturate by 10%, it is **3B2E07**.

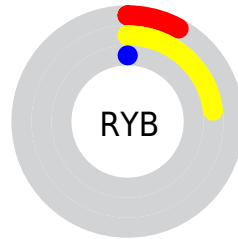
# Distribution



Red (23%)

Green (17%)

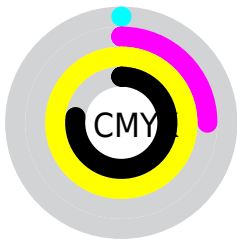
Blue (0%)



Red (8%)

Yellow (23%)

Blue (0%)

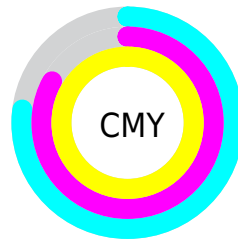


Cyan (0%)

Magenta (25%)

Yellow (98%)

Black (77%)



Cyan (77%)

Magenta (83%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B2C01 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 3B2C01 by changing the saturation by 10% instead.



 3B2C01

 3B2C01

 FFFFE4

 231800

 6D5930

 000000

 877247

 A28B5F

 BDA578

 DAC092

 F7DCAD

 FFF9C8

 3B2C01

 3B2C01

■ 3B2C00

■ 3B2E07

■ 3B2F0D

■ 3B3113

■ 3B3219

■ 3B341E

■ 3B3524

■ 3B372A

■ 3B3830

■ 3B3A36

# Harmonies

## Analogous

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



49240D



3B2C01



283206

# Triad

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



3B2C01



00373E



432244

# Complementary

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



3B2C01



01103B

# 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.



292A51



3B2C01



00354E

# Square

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



3B2C01



00372A



003155



4F1C32

# Rectangle

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



3B2C01



183411



003155



3C244A



# Sweetspot

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



3B2C01



4D4736



3B0110



262319



A6A6A6



262626



# Same Dimension

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



3B2C01



4D3900



2D3B01



1F1E1C



5E4600



DEA400



# Inverse Universe

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



01103B



00144D



0F013B



1C1C1F



00185E



0039DE



# Previews

## White Background



This preview shows how the Hex color 3B2C01 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

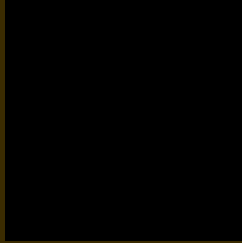
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B2C01 Background



This preview shows how black text looks on a background with the Hex color 3B2C01.



This preview shows how white text looks on a background with the Hex color 3B2C01.

# 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](#).

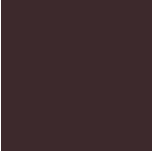
## Dichromacy



**Original Color**  
3B2C01

**Protanopia**  
342F03

**Deuteranopia**  
3B2C00



**Tritanopia**  
3D292C

# Trichromacy



**Original Color**  
3B2C01

**Protanomaly**  
372E02

**Deuteranomaly**  
3B2C00

**Tritanomaly**  
3C2A1C

# Monochromacy



**Original Color**  
3B2C01

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
312C1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B2C01 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 #3B2C01 looks like.

```
.text, #text, p{  
    color:#3B2C01  
}
```

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 #3B2C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B2C01
}
```

## Border

The CSS property to change the border of an element to Hex 3B2C01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

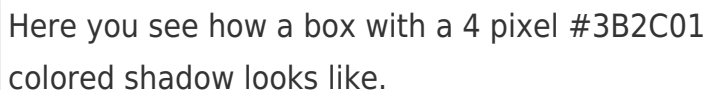
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B2C01 }
```

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

```
.border{ border-color:#3B2C01 }
```

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



Here you see how a box with a 4 pixel #3B2C01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B2C01; -webkit-box-shadow:4px 4px  
4px 4px #3B2C01; box-shadow:4px 4px 4px  
4px #3B2C01 }
```

# Background

The CSS property to change the background color of an element to Hex 3B2C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B2C01 }
```

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

```
.background{ background-color:#3B2C01 }
```

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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