

# Converting Colors

Hex(3B5701)

Have a look what the booklet for  
Hex(3B5701) contains.

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**Color**

**Hex(3B5701)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B5701
RGB	59, 87, 1
RGB Percent	23%, 34%, 0%
CMY	0.7686, 0.6588, 0.9961
CMYK	0.32, 0.00, 0.99, 0.66
HSL	80°, 98%, 17%
HSV	80°, 99%, 34%
XYZ	5.2173, 7.7484, 1.2493
YIQ	68.8240, 10.9180, -32.6820

# Conversions

## Conversions Part 2

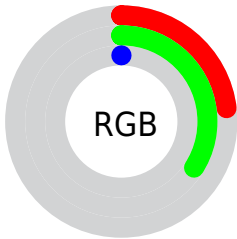
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 87, 29
Decimal	3888897
CIE <sub>Lab</sub>	33.45, -23.14, 40.15
CIE <sub>LCh</sub>	33, 46.344, 119.951
Y <sub>xy</sub>	7.7484, 0.3670, 0.5451
Android (android.graphics.Color)	4282078977 (0xFF3B5701)
YUV	68.8240, -33.4372, -8.6156
Hunter-Lab	27.8359, -15.2565, 16.8241

# Details

The Hex color **3B5701** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1D0157**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6E8937**, and **082900** is the 20% darker color. If you saturate the color by 10%, you get **3B5700**, and if you desaturate by 10%, it is **3E570A**.

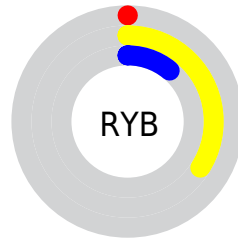
# Distribution



Red (23%)

Green (34%)

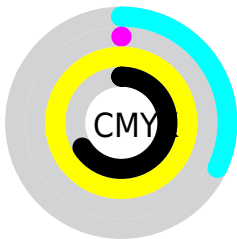
Blue (0%)



Red (0%)

Yellow (34%)

Blue (11%)

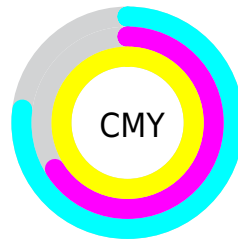


Cyan (32%)

Magenta (0%)

Yellow (99%)

Black (66%)



Cyan (77%)

Magenta (66%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B5701 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 3B5701 by changing the saturation by 10% instead.



 3B5701

 3B5701

 FFFFFF1

 243F00

 6E8937

 082900

 88A34F

 001400

 A3BE69

 000000

 BFDA83

 DBF79D

 F8FFB9

 FFFFFD5

 3B5701

 3B5701

■ 3B5700

■ 3E570A

■ 415712

■ 43571B

■ 465724

■ 49572D

■ 4C5735

■ 4F573E

■ 525747

■ 54574F

# Harmonies

## Analogous

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



604D00



3B5701



005D28

# Triad

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



3B5701



005C8E



8E2750

# Complementary

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



3B5701



1D0157

# 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.



7A3374



3B5701



005398

# Square

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



3B5701



005F72



4C458F



8D2E2C

# Rectangle

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



3B5701



005F41



4C458F



8A295D



# Sweetspot

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



3B5701



65704F



571C01



323824



B8B8B8



383838



# Same Dimension

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



3B5701



4C7000



115701



2A2B27



486B00



9EEB00



# Inverse Universe

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



1D0157



250070



470157



28272B



23006B



4C00EB



# Previews

## White Background



This preview shows how the Hex color 3B5701 looks on a white background.

## Color Contrast Check

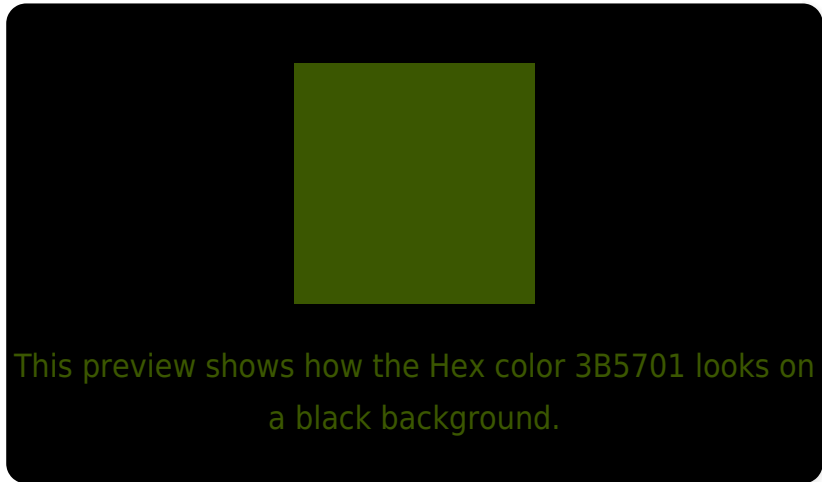
Large Text (above 18pt) WCAG AA ✓ Pass

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

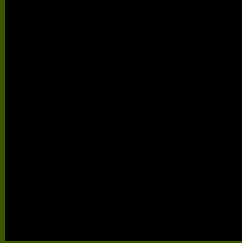
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B5701 Background



This preview shows how black text looks on a background with the Hex color 3B5701.



This preview shows how white text looks on a background with the Hex color 3B5701.

# 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



# Trichromacy



**Original Color**  
3B5701

**Deuteranomaly**  
544F0B

**Tritanomaly**  
415338

# Monochromacy



**Original Color**  
3B5701

**Achromatopsia**  
454545

**Achromatomaly**  
414C2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B5701 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 #3B5701 looks like.

```
.text, #text, p{  
    color:#3B5701  
}
```

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 #3B5701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5701
}
```

## Border

The CSS property to change the border of an element to Hex 3B5701 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
#3B5701 }
```

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

```
.border{ border-color:#3B5701 }
```

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

Here you see how a box with a 4 pixel #3B5701 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5701; -webkit-box-shadow:4px 4px  
4px 4px #3B5701; box-shadow:4px 4px 4px  
4px #3B5701 }
```

# Background

The CSS property to change the background color of an element to Hex 3B5701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5701 }
```

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

```
.background{ background-color:#3B5701 }
```

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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