

Converting Colors

Hex(3E7B01)

Have a look what the booklet for
Hex(3E7B01) contains.

Hex(3E7B01)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E7B01)

Conversions

Conversions Part 1

Format	Color
Hex	3E7B01
RGB	62, 123, 1
RGB Percent	24%, 48%, 0%
CMY	0.7569, 0.5176, 0.9961
CMYK	0.50, 0.00, 0.99, 0.52
HSL	90°, 98%, 24%
HSV	90°, 99%, 48%
XYZ	9.0750, 15.1922, 2.4828
YIQ	90.8530, 2.8060, -50.8740

Conversions

Conversions Part 2

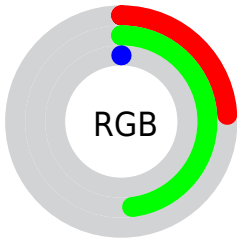
Format	Color
R_{YB}	1, 123, 62
Decimal	4094721
CIE Lab	45.90, -38.27, 50.00
CIE LCh	46, 62.966, 127.426
Yxy	15.1922, 0.3393, 0.5679
Android (android.graphics.Color)	4282284801 (0xFF3E7B01)
YUV	90.8530, -44.2975, -25.3041
Hunter-Lab	38.9772, -26.6501, 23.5073

Details

The Hex color **3E7B01** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3E017B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **74B040**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **3E7B00**, and if you desaturate by 10%, it is **447B0D**.

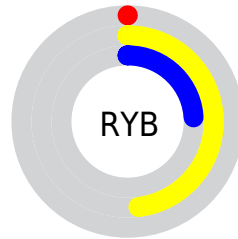
Distribution



Red (24%)

Green (48%)

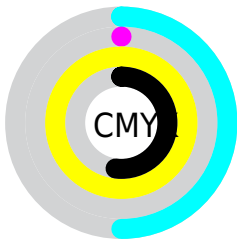
Blue (0%)



Red (0%)

Yellow (48%)

Blue (24%)

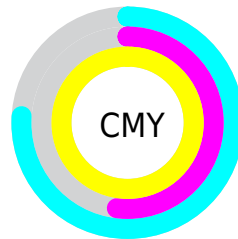


Cyan (50%)

Magenta (0%)

Yellow (99%)

Black (52%)



Cyan (76%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7B01 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 3E7B01 by changing the saturation by 10% instead.



3E7B01



3E7B01

FFFFFF



216200



74B040



004900



90CC5A



003200



ACE874



001D00



C8FF8F



000000



E5FFAA



FFFFC6



FFFFE3



3E7B01



3E7B01

■ 3E7B00

■ 447B0D

■ 4A7B1A

■ 507B26

■ 577B32

■ 5D7B3E

■ 637B4B

■ 697B57

■ 6F7B63

■ 757B70

Harmonies

Analogous

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



786F00



3E7B01



008142

Triad

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



3E7B01



007DCE



C82E62

Complementary

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



3E7B01



3E017B

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.



B53C96



3E7B01



006FD6

Square

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



3E7B01



0083AC



7D58C1



C0412F

Rectangle

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



3E7B01



008466



7D58C1



C52F74

Sweetspot

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



3E7B01



89A170



7B3E01



435234



D1D1D1



525252

Same Dimension

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



3E7B01



50A100



017B01



3A3D37



3E7D00



7EFC00

Inverse Universe

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



3E017B



5000A1



7B017B



3A373D



3E007D



7E00FC

Previews

White Background



This preview shows how the Hex color 3E7B01 looks on a white background.

Color Contrast Check

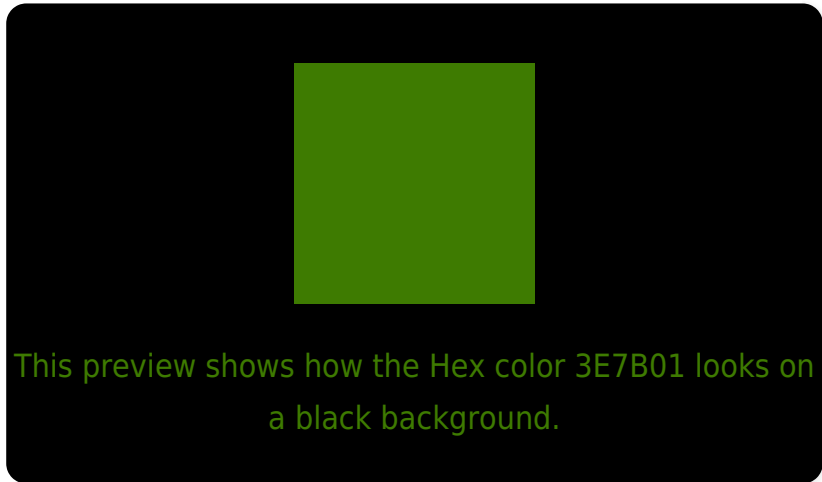
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 3E7B01 Background



This preview shows how black text looks on a background with the Hex color 3E7B01.



This preview shows how white text looks on a background with the Hex color 3E7B01.

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
3E7B01

Protanopia
7A6D00

Deuteranopia
886719



Tritanopia
4E727C

Trichromacy



Original Color
3E7B01

Protanomaly
647200

Deuteranomaly
6D6E10

Tritanomaly
48754F

Monochromacy



Original Color
3E7B01

Achromatopsia
5B5B5B

Achromatomaly
50673A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7B01 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 #3E7B01 looks like.

```
.text, #text, p{  
    color:#3E7B01  
}
```

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 #3E7B01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7B01
}
```

Border

The CSS property to change the border of an element to Hex 3E7B01 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
#3E7B01 }
```

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

```
.border{ border-color:#3E7B01 }
```

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

Here you see how a box with a 4 pixel #3E7B01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7B01; -webkit-box-shadow:4px 4px  
4px 4px #3E7B01; box-shadow:4px 4px 4px  
4px #3E7B01 }
```

Background

The CSS property to change the background color of an element to Hex 3E7B01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7B01 }
```

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

```
.background{ background-color:#3E7B01 }
```

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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