

# Converting Colors

Hex(3E420C)

Have a look what the booklet for  
Hex(3E420C) contains.

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**Color**

**Hex(3E420C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E420C
RGB	62, 66, 12
RGB Percent	24%, 26%, 5%
CMY	0.7569, 0.7412, 0.9529
CMYK	0.06, 0.00, 0.82, 0.74
HSL	64°, 69%, 15%
HSV	64°, 82%, 26%
XYZ	4.0012, 4.9471, 1.0918
YIQ	58.6480, 14.9500, -17.6420

# Conversions

## Conversions Part 2

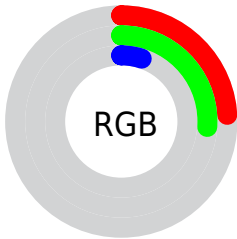
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 66, 16
Decimal	4080140
CIE Lab	26.58, -9.61, 30.29
CIE LCh	27, 31.781, 107.610
Yxy	4.9471, 0.3985, 0.4927
Android (android.graphics.Color)	4282270220 (0xFF3E420C)
YUV	58.6480, -22.9975, 2.9397
Hunter-Lab	22.2421, -6.8129, 12.6590

# Details

The Hex color **3E420C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **100C42**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **70723A**, and **0C1800** is the 20% darker color. If you saturate the color by 10%, you get **3E4205**, and if you desaturate by 10%, it is **3E4213**.

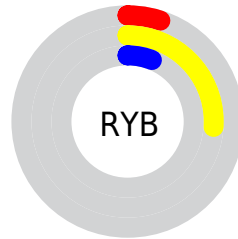
# Distribution



Red (24%)

Green (26%)

Blue (5%)



Red (5%)

Yellow (26%)

Blue (6%)

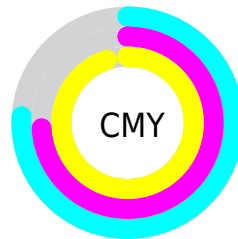


Cyan (6%)

Magenta (0%)

Yellow (82%)

Black (74%)



Cyan (76%)

Magenta (74%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E420C 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 3E420C by changing the saturation by 10% instead.



 3E420C

 3E420C

 FFFFF3

 282C00

 70723A

 0C1800

 8A8B52

 000000

 A4A56B

 C0C184

 DCDC9F

 F9F9BA

 FFFFD6

 3E420C

 3E420C

■ 3E4205

■ 3E4213

■ 3D4200

■ 3F4219

■ 3F4220

■ 404226

■ 40422D

■ 414234

■ 41423A

■ 424241

■ 424247

# Harmonies

## Analogous

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



543A0C



3E420C



21471C

# Triad

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



3E420C



004962



662A4A

# Complementary

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



3E420C



100C42

# 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.



523260



3E420C



00446E

# Square

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



3E420C



004B4D



2D3D6D



6B2932

# Rectangle

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



3E420C



00492B



2D3D6D



612C52



# Sweetspot

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



3E420C



555741



42100C



2A2B1E



ABABAB



2B2B2B



# Same Dimension

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



3E420C



505702



23420C



21211E



5A6100



D0E000



# Inverse Universe

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



100C42



080257



2B0C42



1E1E21



070061



1100E0



# Previews

## White Background



This preview shows how the Hex color 3E420C looks on a white background.

## Color Contrast Check

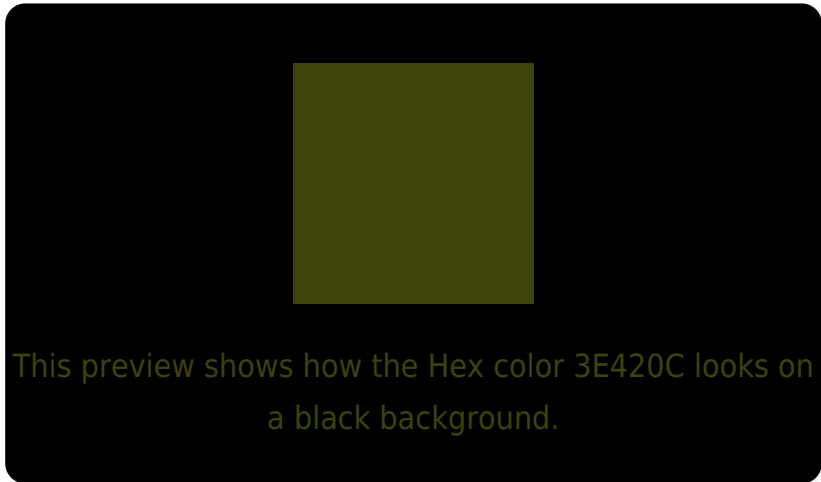
Large Text (above 18pt) WCAG AA ✓ Pass

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

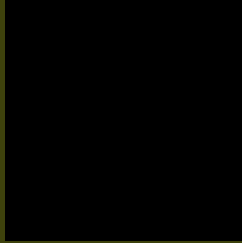
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E420C Background



This preview shows how black text looks on a background with the Hex color 3E420C.



This preview shows how white text looks on a background with the Hex color 3E420C.

# 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**  
3E420C

**Protanopia**  
473F0B

**Deuteranopia**  
4F3C10



**Tritanopia**  
433D42

# Trichromacy



**Original Color**  
3E420C

**Protanomaly**  
44400B

**Deuteranomaly**  
493E0F

**Tritanomaly**  
413F2E

# Monochromacy



**Original Color**  
3E420C

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
3C3E2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E420C 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 #3E420C looks like.

```
.text, #text, p{  
    color:#3E420C  
}
```

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 #3E420C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E420C
}
```

## Border

The CSS property to change the border of an element to Hex 3E420C 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
#3E420C }
```

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

```
.border{ border-color:#3E420C }
```

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

Here you see how a box with a 4 pixel #3E420C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E420C; -webkit-box-shadow:4px 4px  
4px 4px #3E420C; box-shadow:4px 4px 4px  
4px #3E420C }
```

# Background

The CSS property to change the background color of an element to Hex 3E420C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E420C }
```

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

```
.background{ background-color:#3E420C }
```

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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