

# Converting Colors

Hex(3D3E0C)

Have a look what the booklet for  
Hex(3D3E0C) contains.

<b>Hex(3D3E0C)</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(3D3E0C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3D3E0C
RGB	61, 62, 12
RGB Percent	24%, 24%, 5%
CMY	0.7608, 0.7569, 0.9529
CMYK	0.02, 0.00, 0.81, 0.76
HSL	61°, 68%, 15%
HSV	61°, 81%, 24%
XYZ	3.7135, 4.4639, 1.0137
YIQ	56.0010, 15.4540, -15.7620

# Conversions

## Conversions Part 2

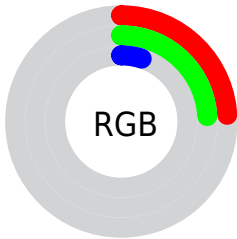
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 62, 13
Decimal	4013580
CIE Lab	25.15, -7.71, 28.87
CIE LCh	25, 29.884, 104.944
Yxy	4.4639, 0.4040, 0.4857
Android (android.graphics.Color)	4282203660 (0xFF3D3E0C)
YUV	56.0010, -21.6925, 4.3841
Hunter-Lab	21.1279, -5.6006, 11.9448

# Details

The Hex color **3D3E0C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D0C3E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6E6D3A**, and **091500** is the 20% darker color. If you saturate the color by 10%, you get **3D3E06**, and if you desaturate by 10%, it is **3D3E12**.

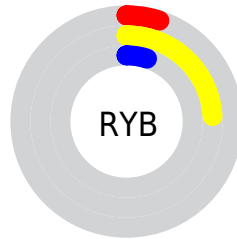
# Distribution



Red (24%)

Green (24%)

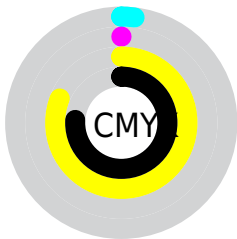
Blue (5%)



Red (5%)

Yellow (24%)

Blue (5%)

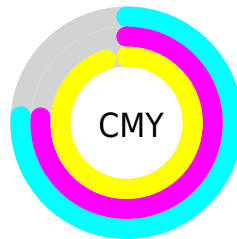


Cyan (2%)

Magenta (0%)

Yellow (81%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D3E0C 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 3D3E0C by changing the saturation by 10% instead.



 3D3E0C

 3D3E0C

 FFFFF1

 272800

 6E6D3A

 091500

 888751

 000000

 A3A16A

 BFBC84

 DBD79E

 F8F4B9

 FFFFD5

 3D3E0C

 3D3E0C

■ 3D3E06

■ 3D3E12

■ 3D3E00

■ 3D3E18

■ 3D3E1F

■ 3D3E25

■ 3E3E2B

■ 3E3E31

■ 3E3E37

■ 3E3E3E

■ 3E3E44

# Harmonies

## Analogous

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



51360E



3D3E0C



23431A

# Triad

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



3D3E0C



00455B



5F2948

# Complementary

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



3D3E0C



0D0C3E

# 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.



4B315C



3D3E0C



004167

# Square

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



3D3E0C



004747



273A67



652731

# Rectangle

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



3D3E0C



054528



273A67



5A2B4F



# Sweetspot

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



3D3E0C



51523E



3E0D0C



29291D



A8A8A8



292929



# Same Dimension

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



3D3E0C



505202



243E0C



1F1F1C



5C5E00



D9DE00



# Inverse Universe

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



0D0C3E



040252



260C3E



1C1C1F



02005E

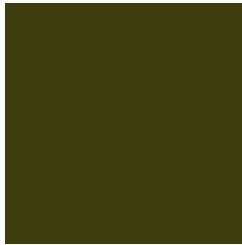


0400DE



# Previews

## White Background



This preview shows how the Hex color 3D3E0C 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

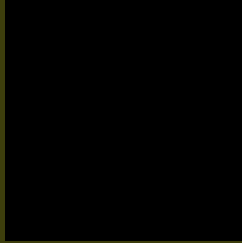
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D3E0C Background



This preview shows how black text looks on a background with the Hex color 3D3E0C.



This preview shows how white text looks on a background with the Hex color 3D3E0C.

# 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**  
3D3E0C

**Protanopia**  
433C0B

**Deuteranopia**  
4B390F



**Tritanopia**  
413A3E

# Trichromacy



**Original Color**  
3D3E0C

**Protanomaly**  
413D0B

**Deuteranomaly**  
463B0E

**Tritanomaly**  
403B2C

# Monochromacy



**Original Color**  
3D3E0C

**Achromatopsia**  
383838

**Achromatomaly**  
3A3A28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D3E0C 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 #3D3E0C looks like.

```
.text, #text, p{  
    color:#3D3E0C  
}
```

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 #3D3E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3E0C
}
```

## Border

The CSS property to change the border of an element to Hex 3D3E0C 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
#3D3E0C }
```

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

```
.border{ border-color:#3D3E0C }
```

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

Here you see how a box with a 4 pixel #3D3E0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3E0C; -webkit-box-shadow:4px 4px  
4px 4px #3D3E0C; box-shadow:4px 4px 4px  
4px #3D3E0C }
```

# Background

The CSS property to change the background color of an element to Hex 3D3E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3E0C }
```

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

```
.background{ background-color:#3D3E0C }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor