

# Converting Colors

Hex(3E970D)

Have a look what the booklet for  
Hex(3E970D) contains.

<b>Hex(3E970D)</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(3E970D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E970D
RGB	62, 151, 13
RGB Percent	24%, 59%, 5%
CMY	0.7569, 0.4078, 0.9490
CMYK	0.59, 0.00, 0.91, 0.41
HSL	99°, 84%, 32%
HSV	99°, 91%, 59%
XYZ	13.1259, 23.1864, 4.1644
YIQ	108.6570, -8.7460, -61.7860

# Conversions

## Conversions Part 2

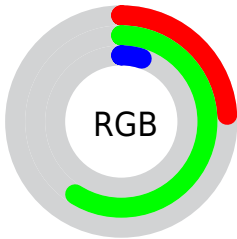
Format	Color
<a href="#">RYB</a>	<a href="#">13, 151, 102</a>
Decimal	<a href="#">4101901</a>
CIELab	<a href="#">55.26, -48.73, 55.48</a>
CIElCh	<a href="#">55, 73.844, 131.290</a>
Yxy	<a href="#">23.1864, 0.3243, 0.5728</a>
Android (android.graphics.Color)	<a href="#">4282291981 (0xFF3E970D)</a>
YUV	<a href="#">108.6570, -47.1589, -40.9182</a>
Hunter-Lab	<a href="#">48.1523, -35.6090, 28.5790</a>

# Details

The Hex color **3E970D** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **660D97**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **78CE4B**, and **006300** is the 20% darker color. If you saturate the color by 10%, you get **369700**, and if you desaturate by 10%, it is **48971C**.

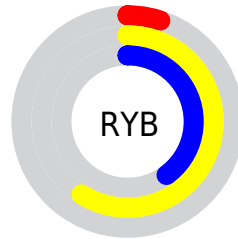
# Distribution



Red (24%)

Green (59%)

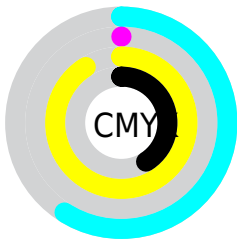
Blue (5%)



Red (5%)

Yellow (59%)

Blue (40%)

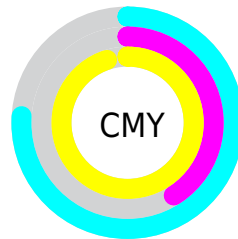


Cyan (59%)

Magenta (0%)

Yellow (91%)

Black (41%)



Cyan (76%)

Magenta (41%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E970D 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 3E970D by changing the saturation by 10% instead.



 3E970D

 3E970D

FFFFFF

 1B7D00

 78CE4B

 006300

 95EB66

 004A00

 B1FF81

 003300

 CFFF9C

 001B00

 ECFFB8

 000000

 FFFFD5

 FFFFF2

 3E970D

 3E970D

■ 369700

■ 48971C

■ 51972B

■ 5B973A

■ 659749

■ 6F9759

■ 789768

■ 829777

■ 8C9786

■ 969795

# Harmonies

## Analogous

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



8A8900



3E970D



009E58

# Triad

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



3E970D



0097FE



F4386F

# Complementary

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



3E970D



660D97

# 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.



E144AF



3E970D



0084FF

# Square

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



3E970D



009FD8



A467E6



E65332

# Rectangle

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



3E970D



00A085



A467E6



F23684



# Sweetspot

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



3E970D



A2C48F



97640D



4F6344



E3E3E3



636363



# Same Dimension

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



3E970D



46C400



0D971F



484D45



328C00



050D00



# Inverse Universe

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



660D97



7F00C4



970D85



4A454D



5A008C

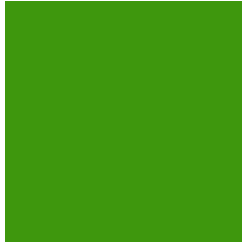


08000D



# Previews

## White Background



This preview shows how the Hex color 3E970D looks on a white background.

## Color Contrast Check

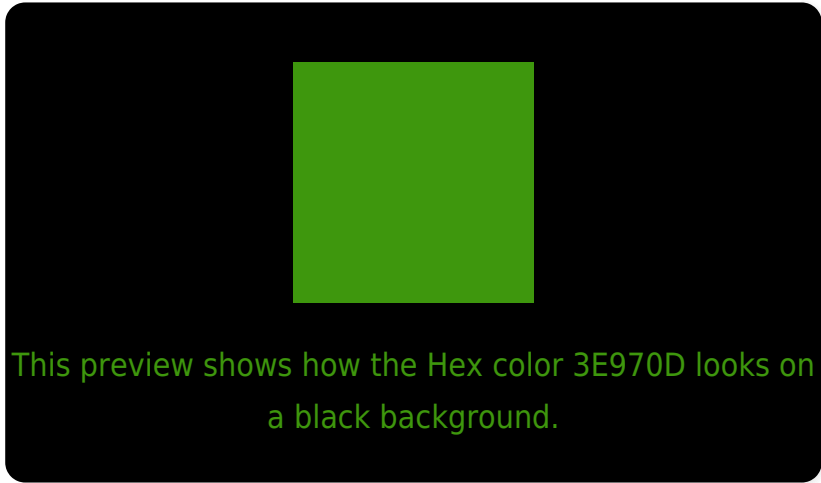
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 3E970D Background



This preview shows how black text looks on a background with the Hex color 3E970D.



This preview shows how white text looks on a background with the Hex color 3E970D.

# 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**  
3E970D

**Protanopia**  
948400

**Deuteranopia**  
A57D22



**Tritanopia**  
568C98

# Trichromacy



**Original Color**  
3E970D

**Protanomaly**  
758B05

**Deuteranomaly**  
80861A

**Tritanomaly**  
4D9065

# Monochromacy



**Original Color**  
3E970D

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
5C7C4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E970D 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 #3E970D looks like.

```
.text, #text, p{  
    color:#3E970D  
}
```

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 #3E970D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E970D
}
```

## Border

The CSS property to change the border of an element to Hex 3E970D 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
#3E970D }
```

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

```
.border{ border-color:#3E970D }
```

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

Here you see how a box with a 4 pixel #3E970D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E970D; -webkit-box-shadow:4px 4px  
4px 4px #3E970D; box-shadow:4px 4px 4px  
4px #3E970D }
```

# Background

The CSS property to change the background color of an element to Hex 3E970D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E970D }
```

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

```
.background{ background-color:#3E970D }
```

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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