

# Converting Colors

Hex(3E8235)

Have a look what the booklet for  
Hex(3E8235) contains.

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# Color

Hex(3E8235)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E8235
RGB	62, 130, 53
RGB Percent	24%, 51%, 21%
CMY	0.7569, 0.4902, 0.7922
CMYK	0.52, 0.00, 0.59, 0.49
HSL	113°, 42%, 36%
HSV	113°, 59%, 51%
XYZ	10.6118, 17.2464, 6.1378
YIQ	100.8900, -15.8110, -38.3630

# Conversions

## Conversions Part 2

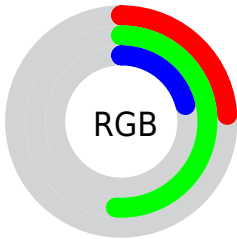
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 130, 121
Decimal	4096565
CIELab	48.57, -37.55, 34.64
CIELCh	49, 51.090, 137.310
Yxy	17.2464, 0.3121, 0.5073
Android (android.graphics.Color)	4282286645 (0xFF3E8235)
YUV	100.8900, -23.6098, -34.1065
Hunter-Lab	41.5288, -27.0634, 20.3074

# Details

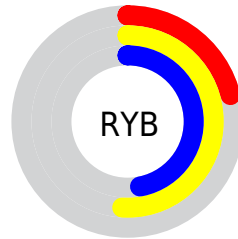
The Hex color **3E8235** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **793582**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **73B866**, and **005003** is the 20% darker color. If you saturate the color by 10%, you get **338228**, and if you desaturate by 10%, it is **498242**.

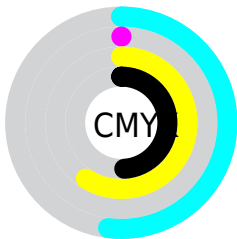
# Distribution



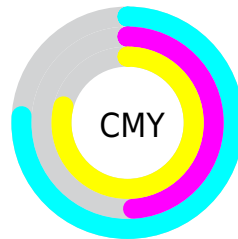
- Red (24%)
- Green (51%)
- Blue (21%)



- Red (21%)
- Yellow (51%)
- Blue (47%)



- Cyan (52%)
- Magenta (0%)
- Yellow (59%)
- Black (49%)



- Cyan (76%)
- Magenta (49%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E8235 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 3E8235 by changing the saturation by 10% instead.



 3E8235

 3E8235

FFFFFF

 22681D

 73B866

 005003

 8ED480

 003800

 AAF09A

 002400

 C6FFB6

 000000

 E3FFD1

 FFFFEE

 3E8235

 3E8235

 338228

 498242

■ 27821B

■ 55824F

■ 1C820E

■ 60825C

■ 108201

■ 6C8269

■ 0F8200

■ 778276

■ 838283

■ 8E8290

■ 9A829D

■ A582AA

# Harmonies

## Analogous

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



727915



3E8235



00875F

# Triad

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



3E8235



007DC8



C24B5C

# Complementary

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



3E8235



793582

# 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.



B84D88



3E8235



506FC6

# Square

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



3E8235



0085B2



955DAE



B55935

# Rectangle

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



3E8235



00887D



955DAE



C14A6B



# Sweetspot

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



3E8235



8EA88A



827835



445442



D4D4D4



545454



# Same Dimension

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



3E8235



3FA831



358251



3A4039



0F8000



000000



# Inverse Universe

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



793582



9A31A8



823566



3F3940



710080



000000



# Previews

## White Background



This preview shows how the Hex color 3E8235 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

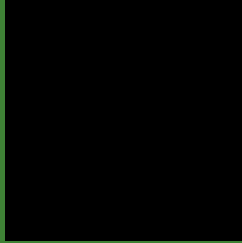
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E8235 Background



This preview shows how black text looks on a background with the Hex color 3E8235.



This preview shows how white text looks on a background with the Hex color 3E8235.

# 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**  
3E8235

**Protanopia**  
807330

**Deuteranopia**  
8D6D3B



**Tritanopia**  
4E7A84

# Trichromacy



**Original Color**  
3E8235

**Protanomaly**  
687832

**Deuteranomaly**  
707539

**Tritanomaly**  
487D67

# Monochromacy



**Original Color**  
3E8235

**Achromatopsia**  
656565

**Achromatomaly**  
577054

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E8235 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 #3E8235 looks like.

```
.text, #text, p{  
    color:#3E8235  
}
```

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 #3E8235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8235
}
```

## Border

The CSS property to change the border of an element to Hex 3E8235 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".

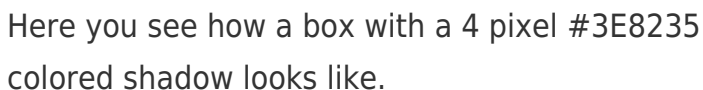
```
.border, #border, table{ border:4px solid
#3E8235 }
```

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

```
.border{ border-color:#3E8235 }
```

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

Here you see how a box with a 4 pixel #3E8235 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8235; -webkit-box-shadow:4px 4px  
4px 4px #3E8235; box-shadow:4px 4px 4px  
4px #3E8235 }
```

# Background

The CSS property to change the background color of an element to Hex 3E8235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8235 }
```

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

```
.background{ background-color:#3E8235 }
```

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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