

# Converting Colors

Hex(3E5324)

Have a look what the booklet for  
Hex(3E5324) contains.

<b>Hex(3E5324)</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(3E5324)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E5324
RGB	62, 83, 36
RGB Percent	24%, 33%, 14%
CMY	0.7569, 0.6745, 0.8588
CMYK	0.25, 0.00, 0.57, 0.67
HSL	87°, 39%, 23%
HSV	87°, 57%, 33%
XYZ	5.3983, 7.3380, 2.8009
YIQ	71.3630, 2.5710, -19.0690

# Conversions

## Conversions Part 2

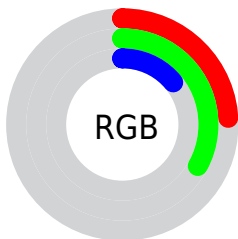
Format	Color
<a href="#">RYB</a>	<a href="#">36, 83, 57</a>
Decimal	<a href="#">4084516</a>
CIELab	<a href="#">32.56, -17.13, 24.69</a>
CIELCh	<a href="#">33, 30.054, 124.757</a>
Yxy	<a href="#">7.3380, 0.3474, 0.4723</a>
Android (android.graphics.Color)	<a href="#">4282274596 (0xFF3E5324)</a>
YUV	<a href="#">71.3630, -17.4340, -8.2114</a>
Hunter-Lab	<a href="#">27.0888, -11.8336, 12.8317</a>

# Details

The Hex color **3E5324** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **392453**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6F8552**, and **132600** is the 20% darker color. If you saturate the color by 10%, you get **3A531C**, and if you desaturate by 10%, it is **42532C**.

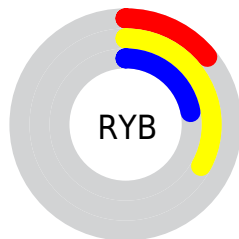
# Distribution



 Red (24%)

 Green (33%)

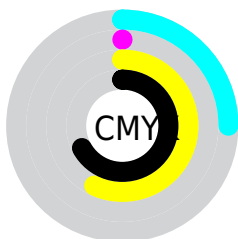
 Blue (14%)




 Red (14%)

 Yellow (33%)

 Blue (22%)

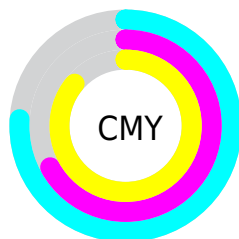


 Cyan (25%)

 Magenta (0%)


 Yellow (57%)

 Black (67%)



 Cyan (76%)

 Magenta (67%)

 Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E5324 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 3E5324 by changing the saturation by 10% instead.



 3E5324

 3E5324

FFFFFF

 273C0E

 6F8552

 132600

 899F6B

 001000

 A3BA84

 000000

 BFD59F

 DBF2BA

 F7FFD5

 FFFFF2

 3E5324

 3E5324

■ 3A531C

■ 42532C

■ 375313

■ 455335

■ 33530B

■ 49533D

■ 2F5303

■ 4D5345

■ 2E5300

■ 51534D

■ 545356

■ 58535E

■ 5C5366

■ 5F536F

# Harmonies

## Analogous

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



574D1B



3E5324



1C5738

# Triad

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



3E5324



005477



78384A

# Complementary

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



3E5324



392453

# 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.



6D3C61



3E5324



284E7C

# Square

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



3E5324



005867



534574



773C33

# Rectangle

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



3E5324



005847



534574



763952



# Sweetspot

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



3E5324



636B59



533824



31362B



B5B5B5



363636



# Same Dimension

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



3E5324



4B6B22



275324



272925



3A6900



80E800



# Inverse Universe

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



392453



43226B



502453



272529



2F0069

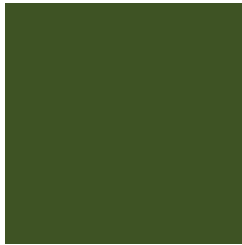


6800E8



# Previews

## White Background



This preview shows how the Hex color 3E5324 looks on a white background.

## Color Contrast Check

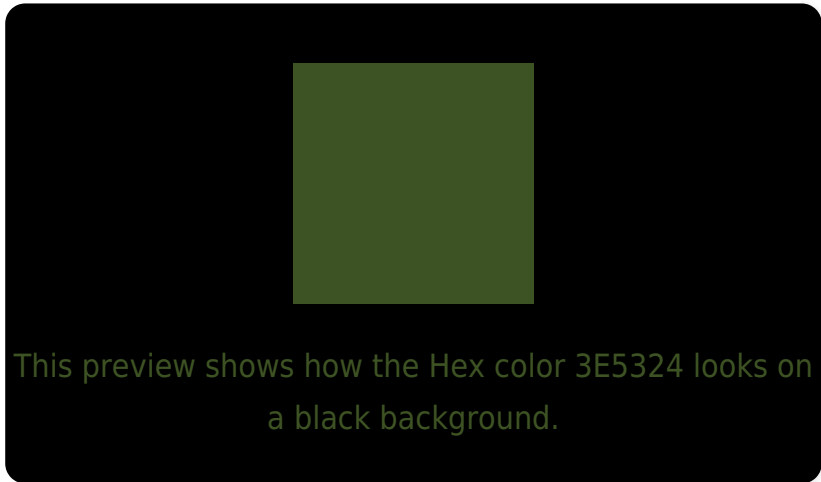
Large Text (above 18pt) WCAG AA ✓ Pass

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

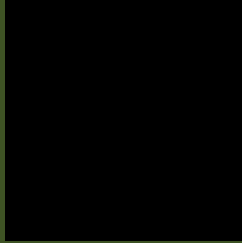
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E5324 Background



This preview shows how black text looks on a background with the Hex color 3E5324.



This preview shows how white text looks on a background with the Hex color 3E5324.

# 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**  
3E5324

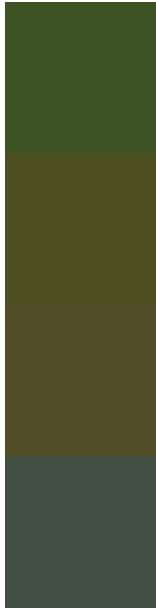
**Protanopia**  
554D22

**Deuteranopia**  
5E4927



**Tritanopia**  
454E54

# Trichromacy



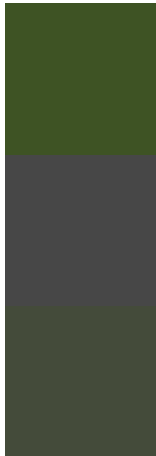
**Original Color**  
3E5324

**Protanomaly**  
4D4F23

**Deuteranomaly**  
524D26

**Tritanomaly**  
425043

# Monochromacy



**Original Color**  
3E5324

**Achromatopsia**  
474747

**Achromatomaly**  
444B3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E5324 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 #3E5324 looks like.

```
.text, #text, p{  
    color:#3E5324  
}
```

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 #3E5324 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5324
}
```

## Border

The CSS property to change the border of an element to Hex 3E5324 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
#3E5324 }
```

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

```
.border{ border-color:#3E5324 }
```

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

Here you see how a box with a 4 pixel #3E5324 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5324; -webkit-box-shadow:4px 4px  
4px 4px #3E5324; box-shadow:4px 4px 4px  
4px #3E5324 }
```

# Background

The CSS property to change the background color of an element to Hex 3E5324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5324 }
```

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

```
.background{ background-color:#3E5324 }
```

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