

Converting Colors

Hex(3E6322)

Have a look what the booklet for
Hex(3E6322) contains.

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Color

Hex(3E6322)

Conversions

Conversions Part 1

Format	Color
Hex	3E6322
RGB	62, 99, 34
RGB Percent	24%, 39%, 13%
CMY	0.7569, 0.6118, 0.8667
CMYK	0.37, 0.00, 0.66, 0.61
HSL	94°, 49%, 26%
HSV	94°, 66%, 39%
XYZ	6.7372, 10.0633, 3.1007
YIQ	80.5270, -1.1870, -28.0590

Conversions

Conversions Part 2

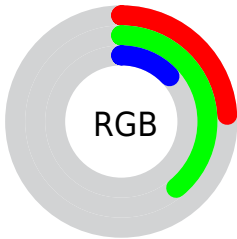
Format	Color
RYB	34, 99, 71
Decimal	4088610
CIELab	37.96, -25.64, 31.95
CIELCh	38, 40.969, 128.747
Yxy	10.0633, 0.3385, 0.5057
Android (android.graphics.Color)	4282278690 (0xFF3E6322)
YUV	80.5270, -22.9378, -16.2482
Hunter-Lab	31.7227, -17.6054, 16.4107

Details

The Hex color **3E6322** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **472263**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **709652**, and **0F3400** is the 20% darker color. If you saturate the color by 10%, you get **386318**, and if you desaturate by 10%, it is **44632C**.

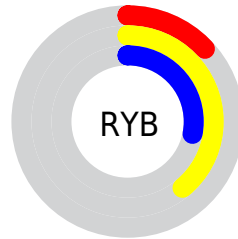
Distribution



Red (24%)

Green (39%)

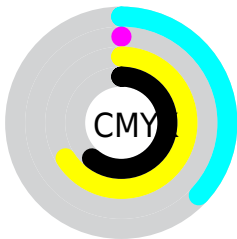
Blue (13%)



Red (13%)

Yellow (39%)

Blue (28%)

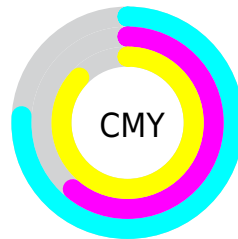


Cyan (37%)

Magenta (0%)

Yellow (66%)

Black (61%)



Cyan (76%)

Magenta (61%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E6322 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 3E6322 by changing the saturation by 10% instead.



3E6322



3E6322

FFFFFF



264B09



709652



0F3400



8BB16A



002000



A6CC84



000000



C1E99F



DDFBBA



FAFFD6



FFFFFF2



3E6322



3E6322

■ 386318

■ 44632C

■ 33630E

■ 496336

■ 2D6304

■ 4F6340

■ 2B6300

■ 55634A

■ 5A6354

■ 60635D

■ 656367

■ 6B6371

■ 71637B

Harmonies

Analogous

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



625B10



3E6322



006840

Triad

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



3E6322



006397



953A51

Complementary

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



3E6322



472263

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.



893F72



3E6322



265A9B

Square

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



3E6322



006882



684C8D



904232

Rectangle

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



3E6322



006957



684C8D



933A5C

Sweetspot

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



3E6322



718066



634722



374030



BFBFBF



404040

Same Dimension

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



3E6322



46801B



226326



2E302C



307000



67F000

Inverse Universe

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



472263



541B80



63225F



2E2C30



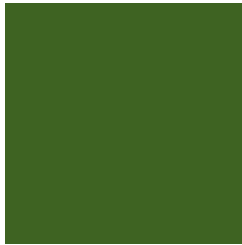
400070



8800F0

Previews

White Background



This preview shows how the Hex color 3E6322 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

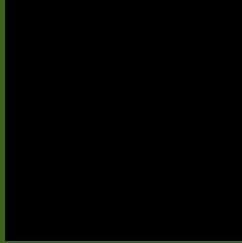
Any Text WCAG AA × Fail

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 3E6322 Background



This preview shows how black text looks on a background with the Hex color 3E6322.



This preview shows how white text looks on a background with the Hex color 3E6322.

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
3E6322

Protanopia
64591F

Deuteranopia
6E5527



Tritanopia
485D64

Trichromacy



Original Color
3E6322

Protanomaly
565D20

Deuteranomaly
5D5A25

Tritanomaly
445F4C

Monochromacy



Original Color
3E6322

Achromatopsia
515151

Achromatomaly
4A5840

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E6322 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 #3E6322 looks like.

```
.text, #text, p{  
    color:#3E6322  
}
```

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 #3E6322 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E6322
}
```

Border

The CSS property to change the border of an element to Hex 3E6322 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".

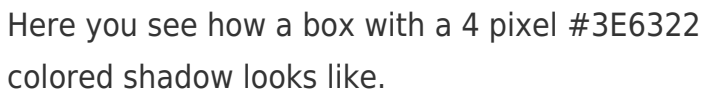
```
.border, #border, table{ border:4px solid
#3E6322 }
```

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

```
.border{ border-color:#3E6322 }
```

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

Here you see how a box with a 4 pixel #3E6322 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E6322; -webkit-box-shadow:4px 4px  
4px 4px #3E6322; box-shadow:4px 4px 4px  
4px #3E6322 }
```

Background

The CSS property to change the background color of an element to Hex 3E6322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E6322 }
```

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

```
.background{ background-color:#3E6322 }
```

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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