

Converting Colors

Hex(3E4724)

Have a look what the booklet for
Hex(3E4724) contains.

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Color

Hex(3E4724)

Conversions

Conversions Part 1

Format	Color
Hex	3E4724
RGB	62, 71, 36
RGB Percent	24%, 28%, 14%
CMY	0.7569, 0.7216, 0.8588
CMYK	0.13, 0.00, 0.49, 0.72
HSL	75°, 33%, 21%
HSV	75°, 49%, 28%
XYZ	4.5583, 5.6580, 2.5209
YIQ	64.3190, 5.8710, -12.7930

Conversions

Conversions Part 2

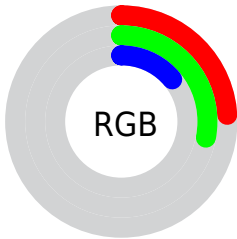
Format	Color
RYB	36, 71, 45
Decimal	4081444
CIELab	28.53, -10.29, 19.78
CIELCh	29, 22.295, 117.491
Yxy	5.6580, 0.3579, 0.4442
Android (android.graphics.Color)	4282271524 (0xFF3E4724)
YUV	64.3190, -13.9613, -2.0338
Hunter-Lab	23.7865, -7.4199, 10.3669

Details

The Hex color **3E4724** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2D2447**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6E7751**, and **131C00** is the 20% darker color. If you saturate the color by 10%, you get **3C471D**, and if you desaturate by 10%, it is **40472B**.

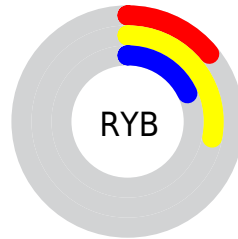
Distribution



Red (24%)

Green (28%)

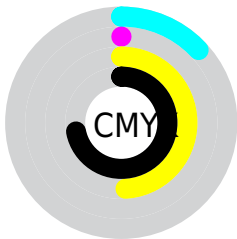
Blue (14%)



Red (14%)

Yellow (28%)

Blue (18%)

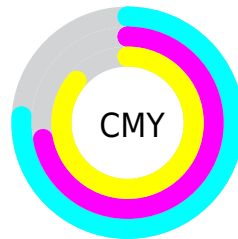


Cyan (13%)

Magenta (0%)

Yellow (49%)

Black (72%)



Cyan (76%)

Magenta (72%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4724 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 3E4724 by changing the saturation by 10% instead.



3E4724



3E4724

FFFFFF



27310F



6E7751



131C00



88916A



000000



A2AC83



BEC79D



DAE3B8



F6FFD4



FFFFFF0



3E4724



3E4724

■ 3C471D

■ 40472B

■ 3A4716

■ 424732

■ 39470F

■ 434739

■ 374708

■ 454740

■ 354700

■ 474748

■ 49474F

■ 4B4756

■ 4D475D

■ 4E4764

Harmonies

Analogous

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



4F4220



3E4724



294B30

Triad

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



3E4724



004A60



623645

Complementary

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



3E4724



2D2447

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.



573956



3E4724



254565

Square

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



3E4724



004C53



433F62



643734

Rectangle

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



3E4724



184C3B



433F62



60364B

Sweetspot

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



3E4724



585C4E



472D24



2C2E26



ADADAD



2E2E2E

Same Dimension

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



3E4724



4E5C26



2D4724



232420



4A6300



A9E300

Inverse Universe

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



2D2447



34265C



3E2447



212024



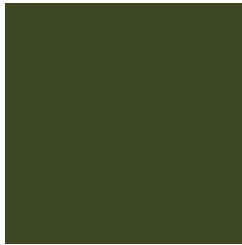
1A0063



3A00E3

Previews

White Background



This preview shows how the Hex color 3E4724 looks on a white background.

Color Contrast Check

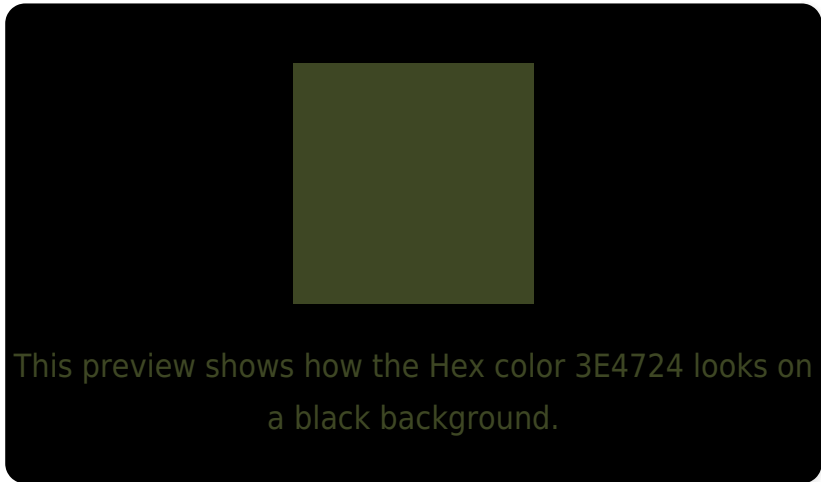
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E4724 Background



This preview shows how black text looks on a background with the Hex color 3E4724.



This preview shows how white text looks on a background with the Hex color 3E4724.

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

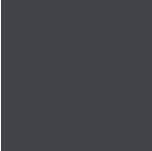
3E4724

Protanopia

4A4323

Deuteranopia

524026



Tritanopia
424348

Trichromacy



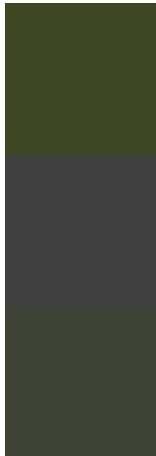
Original Color
3E4724

Protanomaly
464423

Deuteranomaly
4B4325

Tritanomaly
41443B

Monochromacy



Original Color
3E4724

Achromatopsia
404040

Achromatomaly
3F4336

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4724 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 #3E4724 looks like.

```
.text, #text, p{  
    color:#3E4724  
}
```

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 #3E4724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4724
}
```

Border

The CSS property to change the border of an element to Hex 3E4724 is called "border". The border property can be set on classes, ids or directly on the HTML element.

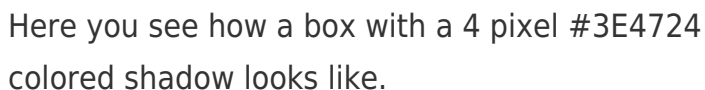
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E4724 }
```

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

```
.border{ border-color:#3E4724 }
```

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



Here you see how a box with a 4 pixel #3E4724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4724; -webkit-box-shadow:4px 4px  
4px 4px #3E4724; box-shadow:4px 4px 4px  
4px #3E4724 }
```

Background

The CSS property to change the background color of an element to Hex 3E4724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4724 }
```

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

```
.background{ background-color:#3E4724 }
```

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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