

Converting Colors

Hex(3E5331)

Have a look what the booklet for
Hex(3E5331) contains.

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Color

Hex(3E5331)

Conversions

Conversions Part 1

Format	Color
Hex	3E5331
RGB	62, 83, 49
RGB Percent	24%, 33%, 19%
CMY	0.7569, 0.6745, 0.8078
CMYK	0.25, 0.00, 0.41, 0.67
HSL	97°, 26%, 26%
HSV	97°, 41%, 33%
XYZ	5.6342, 7.4324, 4.0434
YIQ	72.8450, -1.6020, -15.0260

Conversions

Conversions Part 2

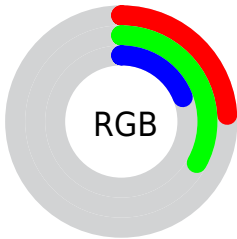
Format	Color
R_{YB}	49, 83, 70
Decimal	4084529
CIE _{Lab}	32.77, -15.27, 17.36
CIE _{LCh}	33, 23.121, 131.324
Y _{xy}	7.4324, 0.3293, 0.4344
Android (android.graphics.Color)	4282274609 (0xFF3E5331)
YUV	72.8450, -11.7556, -9.5111
Hunter-Lab	27.2624, -10.8192, 10.2902

Details

The Hex color **3E5331** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **463153**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6E8560**, and **132603** is the 20% darker color. If you saturate the color by 10%, you get **395329**, and if you desaturate by 10%, it is **435339**.

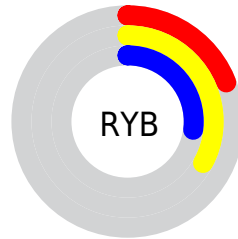
Distribution



Red (24%)

Green (33%)

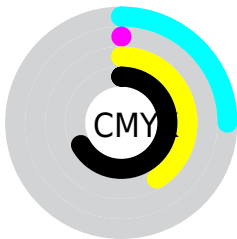
Blue (19%)



Red (19%)

Yellow (33%)

Blue (27%)

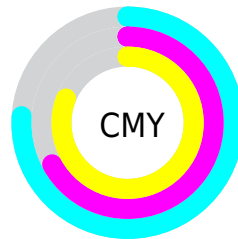


Cyan (25%)

Magenta (0%)

Yellow (41%)

Black (67%)



Cyan (76%)

Magenta (67%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5331 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 3E5331 by changing the saturation by 10% instead.



3E5331



3E5331

FFFFFF



273C1C



6E8560



132603



889F79



001100



A2BA92



000000



BED5AD



DAF2C8



F6FFE5



3E5331



3E5331



395329



435339

■ 345320

■ 485342

■ 2F5318

■ 4D534A

■ 295310

■ 535352

■ 245308

■ 58535A

■ 205300

■ 5D5363

■ 62536B

■ 675373

■ 6C537C

Harmonies

Analogous

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



524E29



3E5331



265641

Triad

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



3E5331



1A526F



703F47

Complementary

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



3E5331



463153

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.



694059



3E5331



3D4D71

Square

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



3E5331



005665



584669



6D4236

Rectangle

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



3E5331



12574D



584669



6F3F4D

Sweetspot

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



3E5331



636B5E



534631



31362E



B5B5B5



363636

Same Dimension

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



3E5331



4B6B37



315335



262925



286900



59E800

Inverse Universe

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



463153



57376B



53314F



272529



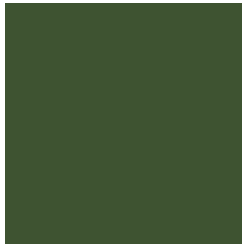
410069



8F00E8

Previews

White Background



This preview shows how the Hex color 3E5331 looks on a white background.

Color Contrast Check

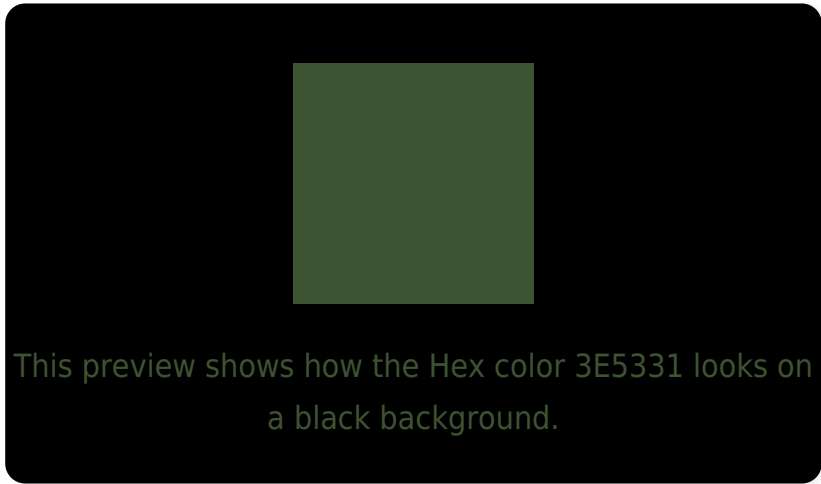
Large Text (above 18pt) WCAG AA ✓ Pass

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

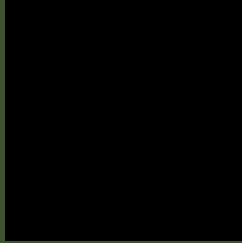
Any Text WCAG AA × Fail

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 3E5331 Background



This preview shows how black text looks on a background with the Hex color 3E5331.



This preview shows how white text looks on a background with the Hex color 3E5331.

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
3E5331

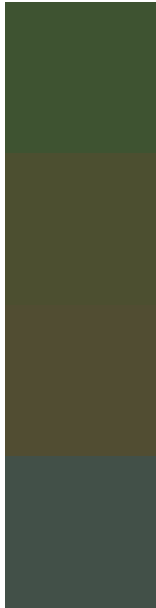
Protanopia
544D2F

Deuteranopia
5C4A33



Tritanopia
444F55

Trichromacy



Original Color
3E5331

Protanomaly
4C4F30

Deuteranomaly
514D32

Tritanomaly
425048

Monochromacy



Original Color
3E5331

Achromatopsia
494949

Achromatomaly
454D40

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5331 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 #3E5331 looks like.

```
.text, #text, p{  
    color:#3E5331  
}
```

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 #3E5331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5331
}
```

Border

The CSS property to change the border of an element to Hex 3E5331 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
#3E5331 }
```

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

```
.border{ border-color:#3E5331 }
```

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

Here you see how a box with a 4 pixel #3E5331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5331; -webkit-box-shadow:4px 4px  
4px 4px #3E5331; box-shadow:4px 4px 4px  
4px #3E5331 }
```

Background

The CSS property to change the background color of an element to Hex 3E5331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5331 }
```

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

```
.background{ background-color:#3E5331 }
```

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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