

Converting Colors

Hex(3E5E31)

Have a look what the booklet for
Hex(3E5E31) contains.

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Color

Hex(3E5E31)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 3E5E31 |
| RGB | 62, 94, 49 |
| RGB Percent | 24%, 37%, 19% |
| CMY | 0.7569, 0.6314, 0.8078 |
| CMYK | 0.34, 0.00, 0.48, 0.63 |
| HSL | 103°, 31%, 28% |
| HSV | 103°, 48%, 37% |
| XYZ | 6.5437, 9.2513, 4.3465 |
| YIQ | 79.3020, -4.6270, -20.7790 |

Conversions

Conversions Part 2

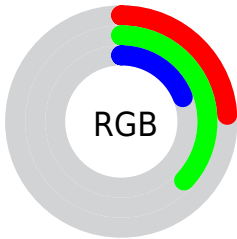
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 49, 94, 81 |
| Decimal | 4087345 |
| CIELab | 36.46, -21.21, 22.10 |
| CIElCh | 36, 30.633, 133.821 |
| Yxy | 9.2513, 0.3249, 0.4593 |
| Android (android.graphics.Color) | 4282277425 (0xFF3E5E31) |
| YUV | 79.3020, -14.9389, -15.1739 |
| Hunter-Lab | 30.4159, -14.8254, 12.8185 |

Details

The Hex color **3E5E31** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **51315E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6F9160**, and **102F03** is the 20% darker color. If you saturate the color by 10%, you get **375E28**, and if you desaturate by 10%, it is **455E3A**.

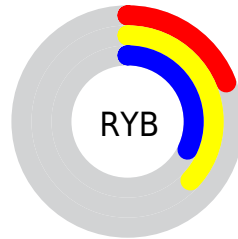
Distribution



Red (24%)

Green (37%)

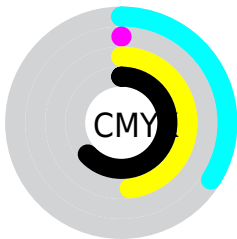
Blue (19%)



Red (19%)

Yellow (37%)

Blue (32%)

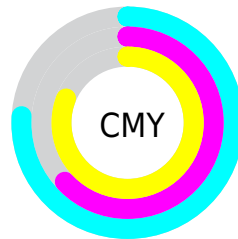


Cyan (34%)

Magenta (0%)

Yellow (48%)

Black (63%)



Cyan (76%)

Magenta (63%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5E31 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 3E5E31 by changing the saturation by 10% instead.

 3E5E31

 3E5E31

FFFFFF

 27461B

 6F9160

 102F03

 89AB79

 001C00

 A4C793

 000000

 BFE3AE

 DBFFC9

 F8FFE5

 3E5E31

 3E5E31

 375E28

 455E3A

■ 315E1E

■ 4B5E44

■ 2A5E15

■ 525E4D

■ 235E0B

■ 595E57

■ 1D5E02

■ 5F5E60

■ 1B5E00

■ 665E69

■ 6D5E73

■ 735E7C

■ 7A5E86

Harmonies

Analogous

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



595824



3E5E31



166147

Triad

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



3E5E31



005C85



84414B

Complementary

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



3E5E31



51315E

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.



7C4364



3E5E31



415485

Square

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



3E5E31



006177



664B79



7F4735

Rectangle

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



3E5E31



006258



664B79



834154

Sweetspot

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



3E5E31



6E7A69



5E5131



363D33



BDBDBD



3D3D3D

Same Dimension

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



3E5E31



497A35



315E3A



2B2E29



206E00



45ED00

Inverse Universe

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



51315E



66357A



5E3155



2D292E



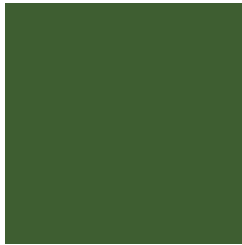
4E006E



A900ED

Previews

White Background



This preview shows how the Hex color 3E5E31 looks on a white background.

Color Contrast Check

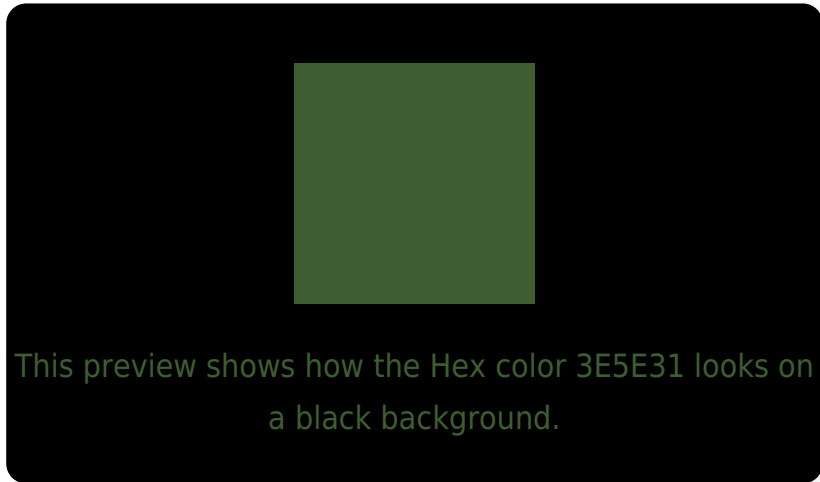
Large Text (above 18pt) WCAG AA ✓ Pass

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

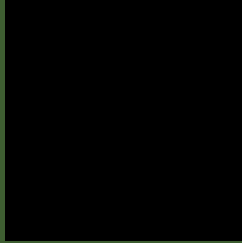
Any Text WCAG AA × Fail

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 3E5E31 Background



This preview shows how black text looks on a background with the Hex color 3E5E31.



This preview shows how white text looks on a background with the Hex color 3E5E31.

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](#).

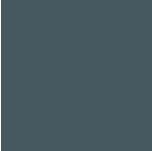
Dichromacy



Original Color
3E5E31

Protanopia
5E562E

Deuteranopia
685234



Tritanopia
465960

Trichromacy



Original Color
3E5E31

Protanomaly
52592F

Deuteranomaly
595633

Tritanomaly
435B4F

Monochromacy



Original Color
3E5E31

Achromatopsia
4F4F4F

Achromatomaly
495444

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5E31 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 #3E5E31 looks like.

```
.text, #text, p{  
    color:#3E5E31  
}
```

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 #3E5E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5E31
}
```

Border

The CSS property to change the border of an element to Hex 3E5E31 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
#3E5E31 }
```

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

```
.border{ border-color:#3E5E31 }
```

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

Here you see how a box with a 4 pixel #3E5E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5E31; -webkit-box-shadow:4px 4px  
4px 4px #3E5E31; box-shadow:4px 4px 4px  
4px #3E5E31 }
```

Background

The CSS property to change the background color of an element to Hex 3E5E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5E31 }
```

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

```
.background{ background-color:#3E5E31 }
```

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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