

Converting Colors

Hex(3E5D2D)

Have a look what the booklet for
Hex(3E5D2D) contains.

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Color

Hex(3E5D2D)

Conversions

Conversions Part 1

Format	Color
Hex	3E5D2D
RGB	62, 93, 45
RGB Percent	24%, 36%, 18%
CMY	0.7569, 0.6353, 0.8235
CMYK	0.33, 0.00, 0.52, 0.64
HSL	99°, 35%, 27%
HSV	99°, 52%, 36%
XYZ	6.3746, 9.0423, 3.8920
YIQ	78.2590, -3.0680, -21.5000

Conversions

Conversions Part 2

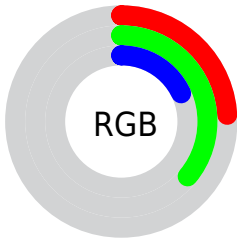
Format	Color
R_{YB}	45, 93, 76
Decimal	4087085
CIE _{Lab}	36.07, -21.27, 23.89
CIE _{LCh}	36, 31.987, 131.690
Yxy	9.0423, 0.3301, 0.4683
Android (android.graphics.Color)	4282277165 (0xFF3E5D2D)
YUV	78.2590, -16.3967, -14.2591
Hunter-Lab	30.0704, -14.7831, 13.3754

Details

The Hex color **3E5D2D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C2D5D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6F905C**, and **112F00** is the 20% darker color. If you saturate the color by 10%, you get **385D24**, and if you desaturate by 10%, it is **445D36**.

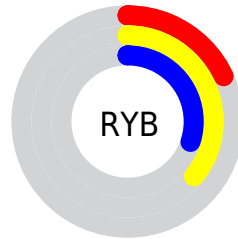
Distribution



Red (24%)

Green (36%)

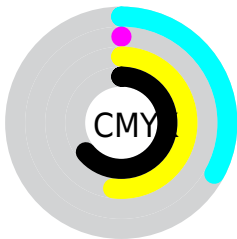
Blue (18%)



Red (18%)

Yellow (36%)

Blue (30%)

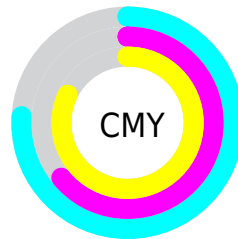


Cyan (33%)

Magenta (0%)

Yellow (52%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5D2D 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 3E5D2D by changing the saturation by 10% instead.


 3E5D2D

 3E5D2D

FFFFFF

 274517

 6F905C

 112F00

 89AA75

 001C00

 A4C58F

 000000

 BFE2A9

 DBFEC5

 F8FFE1

 FFFFFD

 3E5D2D

 3E5D2D

■ 385D24

■ 445D36

■ 325D1A

■ 4A5D40

■ 2C5D11

■ 505D49

■ 265D08

■ 565D52

■ 215D00

■ 5C5D5C

■ 625D65

■ 685D6E

■ 6E5D77

■ 745D81

Harmonies

Analogous

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



5A5720



3E5D2D



136144

Triad

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



3E5D2D



005C85



853F4C

Complementary

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



3E5D2D



4C2D5D

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.



7C4166



3E5D2D



3B5487

Square

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



3E5D2D



006076



644A7B



804434

Rectangle

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



3E5D2D



006256



644A7B



833F54

Sweetspot

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



3E5D2D



6C7866



5D4B2D



363D32



BDBDBD



3D3D3D

Same Dimension

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



3E5D2D



48782E



2D5D33



2B2E29



276E00



54ED00

Inverse Universe

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



4C2D5D



5E2E78



5D2D57



2C292E



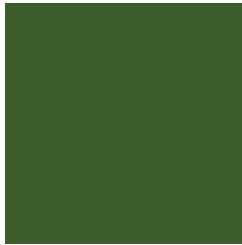
47006E



9900ED

Previews

White Background



This preview shows how the Hex color 3E5D2D looks on a white background.

Color Contrast Check

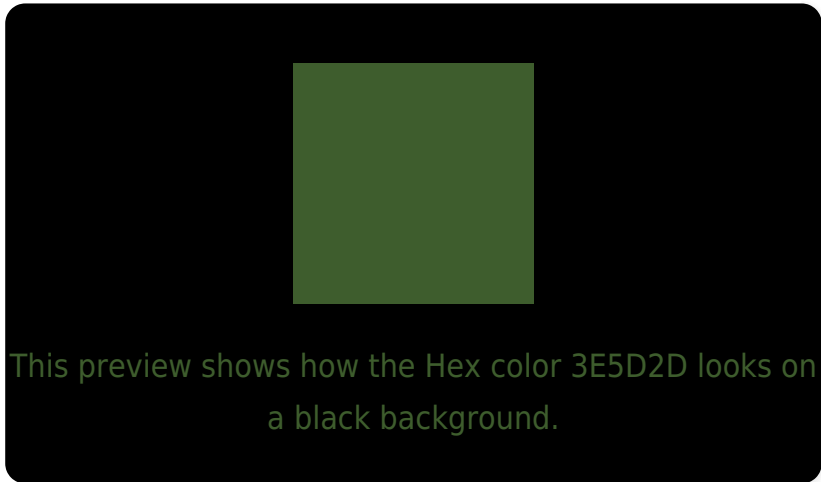
Large Text (above 18pt) WCAG AA ✓ Pass

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

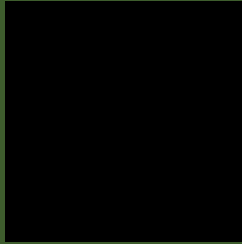
Any Text WCAG AA × Fail

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 3E5D2D Background



This preview shows how black text looks on a background with the Hex color 3E5D2D.



This preview shows how white text looks on a background with the Hex color 3E5D2D.

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](#).

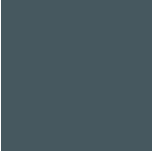
Dichromacy



Original Color
3E5D2D

Protanopia
5E552A

Deuteranopia
675130



Tritanopia
46585F

Trichromacy



Original Color
3E5D2D

Protanomaly
52582B

Deuteranomaly
58552F

Tritanomaly
435A4D

Monochromacy



Original Color
3E5D2D

Achromatopsia
4E4E4E

Achromatomaly
485342

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5D2D 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 #3E5D2D looks like.

```
.text, #text, p{  
    color:#3E5D2D  
}
```

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 #3E5D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5D2D
}
```

Border

The CSS property to change the border of an element to Hex 3E5D2D 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
#3E5D2D }
```

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

```
.border{ border-color:#3E5D2D }
```

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

Here you see how a box with a 4 pixel #3E5D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5D2D; -webkit-box-shadow:4px 4px  
4px 4px #3E5D2D; box-shadow:4px 4px 4px  
4px #3E5D2D }
```

Background

The CSS property to change the background color of an element to Hex 3E5D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5D2D }
```

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

```
.background{ background-color:#3E5D2D }
```

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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