

# Converting Colors

Hex(55543E)

Have a look what the booklet for  
Hex(55543E) contains.

<b>Hex(55543E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(55543E)

# Conversions

## Conversions Part 1

Format	Color
Hex	55543E
RGB	85, 84, 62
RGB Percent	33%, 33%, 24%
CMY	0.6667, 0.6706, 0.7569
CMYK	0.00, 0.01, 0.27, 0.67
HSL	57°, 16%, 29%
HSV	57°, 27%, 33%
XYZ	7.7861, 8.6197, 5.8108
YIQ	81.7910, 7.6580, -6.6300

# Conversions

## Conversions Part 2

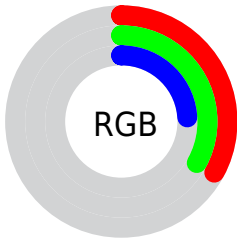
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 85, 62
Decimal	5592126
CIELab	35.24, -3.72, 13.05
CIELCh	35, 13.568, 105.899
Yxy	8.6197, 0.3505, 0.3880
Android (android.graphics.Color)	4283782206 (0xFF55543E)
YUV	81.7910, -9.7570, 2.8143
Hunter-Lab	29.3594, -4.0406, 8.8169

# Details

The Hex color **55543E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **3E3F55**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **87856E**, and **272713** is the 20% darker color. If you saturate the color by 10%, you get **555435**, and if you desaturate by 10%, it is **555446**.

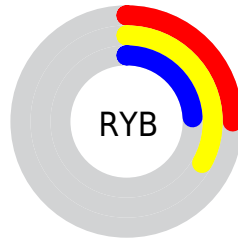
# Distribution



 Red (33%)

 Green (33%)

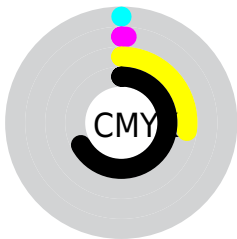
 Blue (24%)



 Red (25%)

 Yellow (33%)

 Blue (24%)

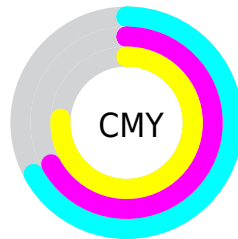


 Cyan (0%)

 Magenta (1%)

 Yellow (27%)

 Black (67%)



 Cyan (67%)

 Magenta (67%)

 Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55543E 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 55543E by changing the saturation by 10% instead.



■ 55543E

■ 55543E

FFFFFF

■ 3E3D28

■ 87856E

■ 272713

■ A1A087

■ 121300

■ BCBBA1

■ 000000

■ D8D6BC

■ F5F3D8

■ FFFFF5

■ 55543E

■ 55543E

■ 555435

■ 555446

■ 55532D

■ 55554F

■ 555324

■ 555557

■ 55531C

■ 555560

■ 555213

■ 555668

■ 55520B

■ 555671

■ 555103

■ 555779

■ 555100

■ 555782

■ 55578A

# Harmonies

## Analogous

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



60503E



55543E



495744

# Triad

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



55543E



365862



654C58

# Complementary

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



55543E



3E3F55

# 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.



5C4E62



55543E



3F5568

# Square

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



55543E



355958



4E5268



694B4D

# Rectangle

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



55543E



41584A



4E5268



634C5C



# Sweetspot

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



55543E



6E6D65



553E3F



383832



B8B8B8



383838



# Same Dimension

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



55543E



6E6C4B



4B553E



2B2B27



6B6600



EBE000



# Inverse Universe

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



3E3F55



4B4C6E



483E55



27272B



00056B



000AEB



# Previews

## White Background



This preview shows how the Hex color 55543E looks on a white background.

## Color Contrast Check

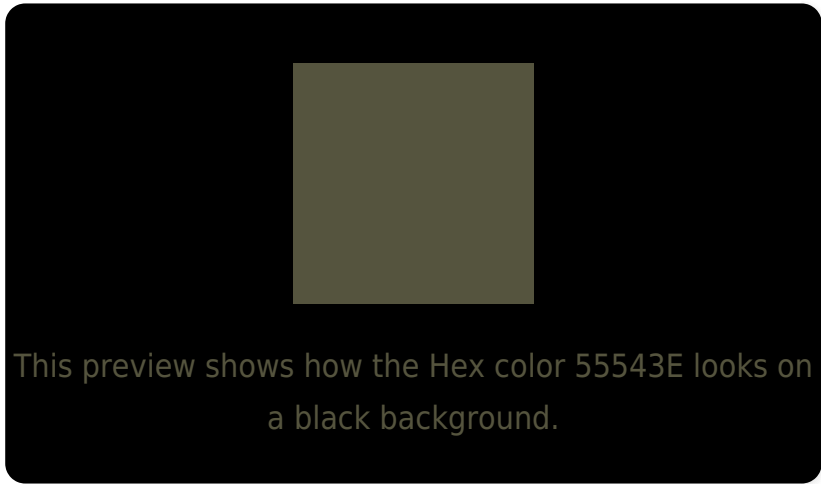
Large Text (above 18pt) WCAG AA ✓ Pass

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

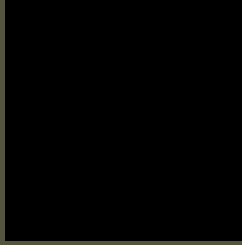
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

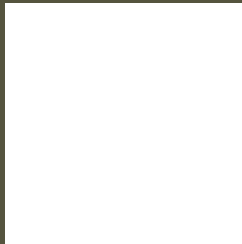
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55543E Background



This preview shows how black text looks on a background with the Hex color 55543E.



This preview shows how white text looks on a background with the Hex color 55543E.

# 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**  
55543E

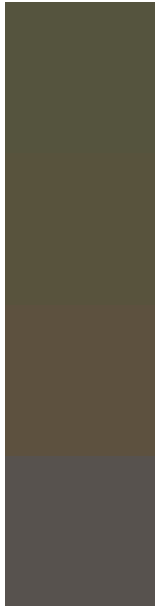
**Protanopia**  
59533D

**Deuteranopia**  
614F3F



**Tritanopia**  
585157

# Trichromacy



**Original Color**  
55543E

**Protanomaly**  
58533D

**Deuteranomaly**  
5D513F

**Tritanomaly**  
57524E

# Monochromacy



**Original Color**  
55543E

**Achromatopsia**  
525252

**Achromatomaly**  
53534B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55543E 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 #55543E looks like.

```
.text, #text, p{  
    color:#55543E  
}
```

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 #55543E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55543E
}
```

## Border

The CSS property to change the border of an element to Hex 55543E is called "border". The border property can be set on classes, ids or directly on the HTML element.

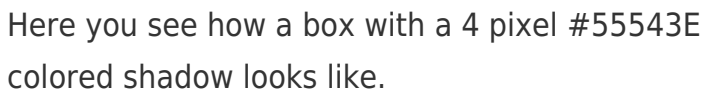
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55543E }
```

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

```
.border{ border-color:#55543E }
```

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



Here you see how a box with a 4 pixel #55543E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55543E; -webkit-box-shadow:4px 4px  
4px 4px #55543E; box-shadow:4px 4px 4px  
4px #55543E }
```

# Background

The CSS property to change the background color of an element to Hex 55543E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55543E }
```

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

```
.background{ background-color:#55543E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor