

# Converting Colors

Hex(55533A)

Have a look what the booklet for  
Hex(55533A) contains.

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# Color

**Hex(55533A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	55533A
RGB	85, 83, 58
RGB Percent	33%, 33%, 23%
CMY	0.6667, 0.6745, 0.7725
CMYK	0.00, 0.02, 0.32, 0.67
HSL	56°, 19%, 28%
HSV	56°, 32%, 33%
XYZ	7.6033, 8.4233, 5.2281
YIQ	80.7480, 9.2170, -7.3510

# Conversions

## Conversions Part 2

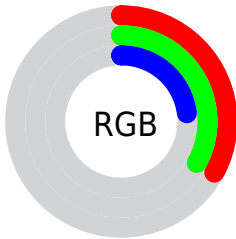
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 85, 58
Decimal	5591866
CIELab	34.85, -3.74, 14.98
CIELCh	35, 15.438, 104.017
Yxy	8.4233, 0.3577, 0.3963
Android (android.graphics.Color)	4283781946 (0xFF55533A)
YUV	80.7480, -11.2148, 3.7290
Hunter-Lab	29.0229, -4.0275, 9.6357

# Details

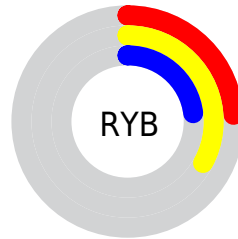
The Hex color **55533A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A3C55**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **878469**, and **27260F** is the 20% darker color. If you saturate the color by 10%, you get **555231**, and if you desaturate by 10%, it is **555442**.

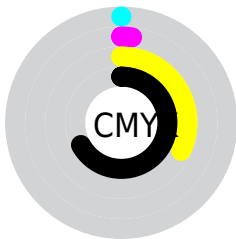
# Distribution



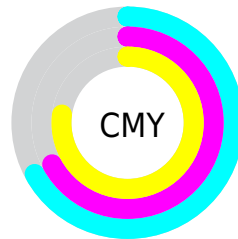
- Red (33%)
- Green (33%)
- Blue (23%)



- Red (24%)
- Yellow (33%)
- Blue (23%)



- Cyan (0%)
- Magenta (2%)
- Yellow (32%)
- Black (67%)



- Cyan (67%)
- Magenta (67%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55533A 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 55533A by changing the saturation by 10% instead.





55533A



55533A

FFFFFF



3E3C24



878469



27260F



A19E83



101200



BDB99D



000000



D8D5B8



F5F1D3



FFFFFF0



55533A



55533A



555231



555442

■ 555229

■ 55544B

■ 555120

■ 555553

■ 555018

■ 55565C

■ 55500F

■ 555664

■ 554F07

■ 55576D

■ 554F00

■ 555775

■ 55587E

■ 555986

# Harmonies

## Analogous

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



614F3B



55533A



475640

# Triad

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



55533A



2E5863



664A59

# Complementary

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



55533A



3A3C55

# 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.



5B4D64



55533A



3A5569

# Square

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



55533A



2F5957



4B516A



6B494D

# Rectangle

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



55533A



3E5847



4B516A



634B5D



# Sweetspot

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



55533A



6E6D63



553A3C



383831



B8B8B8



383838



# Same Dimension

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



55533A



6E6B44



4A553A



2B2B27



6B6300



EBD900



# Inverse Universe

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



3A3C55



44476E



453A55



27272B



00086B



0011EB



# Previews

## White Background



This preview shows how the Hex color 55533A looks on a white background.

## Color Contrast Check

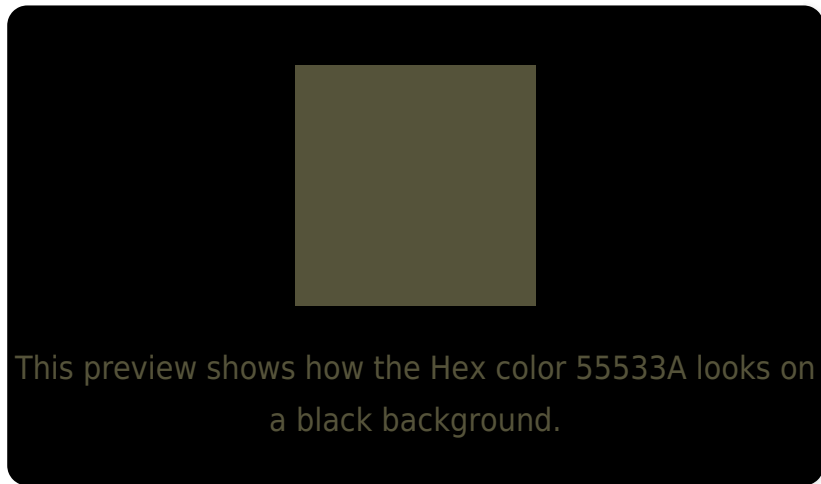
Large Text (above 18pt) WCAG AA ✓ Pass

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

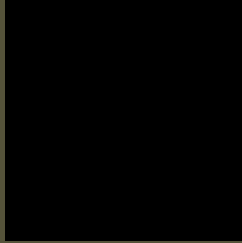
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

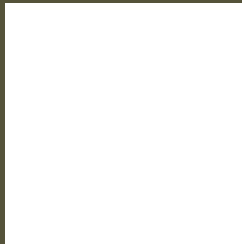
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55533A Background



This preview shows how black text looks on a background with the Hex color 55533A.

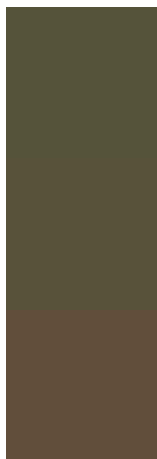


This preview shows how white text looks on a background with the Hex color 55533A.

# 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](#).

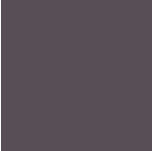
## Dichromacy



**Original Color**  
55533A

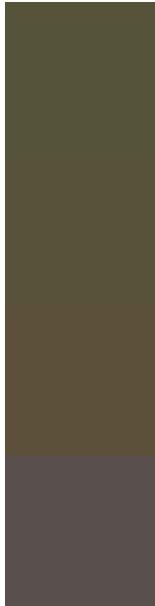
**Protanopia**  
58523A

**Deuteranopia**  
614E3B



**Tritanopia**  
584F56

# Trichromacy



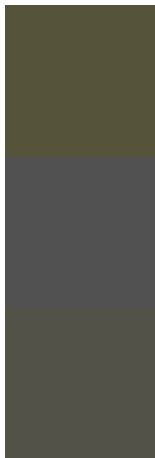
**Original Color**  
55533A

**Protanomaly**  
57523A

**Deuteranomaly**  
5D503B

**Tritanomaly**  
57504C

# Monochromacy



**Original Color**  
55533A

**Achromatopsia**  
515151

**Achromatomaly**  
525249

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55533A 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 #55533A looks like.

```
.text, #text, p{  
    color:#55533A  
}
```

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 #55533A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55533A
}
```

## Border

The CSS property to change the border of an element to Hex 55533A 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
#55533A }
```

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

```
.border{ border-color:#55533A }
```

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

Here you see how a box with a 4 pixel #55533A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55533A; -webkit-box-shadow:4px 4px  
4px 4px #55533A; box-shadow:4px 4px 4px  
4px #55533A }
```

# Background

The CSS property to change the background color of an element to Hex 55533A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55533A }
```

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

```
.background{ background-color:#55533A }
```

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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