

# Converting Colors

Hex(533A3E)

Have a look what the booklet for  
Hex(533A3E) contains.

<b>Hex(533A3E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(533A3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	533A3E
RGB	83, 58, 62
RGB Percent	33%, 23%, 24%
CMY	0.6745, 0.7725, 0.7569
CMYK	0.00, 0.30, 0.25, 0.67
HSL	350°, 18%, 28%
HSV	350°, 30%, 33%
XYZ	5.9498, 5.2129, 5.2500
YIQ	65.9310, 13.6160, 6.5440

# Conversions

## Conversions Part 2

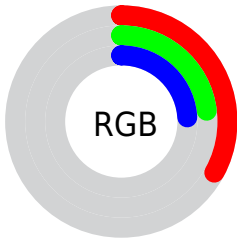
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">83, 58, 62</a>
Decimal	<a href="#">5454398</a>
CIELab	<a href="#">27.33, 11.75, 1.92</a>
CIELCh	<a href="#">27, 11.905, 9.270</a>
Yxy	<a href="#">5.2129, 0.3625, 0.3176</a>
Android (android.graphics.Color)	<a href="#">4283644478 (0xFF533A3E)</a>
YUV	<a href="#">65.9310, -1.9380, 14.9695</a>
Hunter-Lab	<a href="#">22.8318, 6.5604, 2.3489</a>

# Details

The Hex color **533A3E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A534F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **85696D**, and **251014** is the 20% darker color. If you saturate the color by 10%, you get **533237**, and if you desaturate by 10%, it is **534245**.

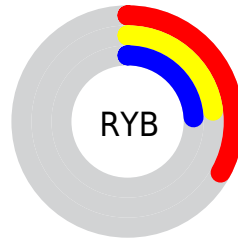
# Distribution



Red (33%)

Green (23%)

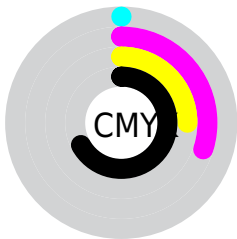
Blue (24%)



Red (33%)

Yellow (23%)

Blue (24%)

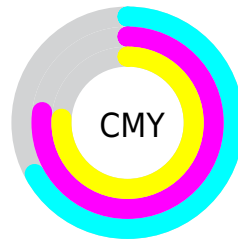


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (67%)



Cyan (67%)

Magenta (77%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 533A3E 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 533A3E by changing the saturation by 10% instead.



■ 533A3E

■ 533A3E

FFFFFF

■ 3B2428

■ 85696D

■ 251014

■ 9F8387

■ 010000

■ BB9DA1

■ 000000

■ D6B8BC

■ F3D3D8

■ FFF0F4

■ 533A3E

■ 533A3E

■ 533237

■ 534245

■ 532930

■ 534B4C

■ 532129

■ 535353

■ 531922

■ 535B5A

■ 53111B

■ 536361

■ 530814

■ 536C68

■ 53000D

■ 53746F

■ 537C76

■ 53857D

# Harmonies

## Analogous

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



4F3B47



533A3E



523B35

# Triad

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



533A3E



3A4332



2E4351

# Complementary

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



533A3E



3A534F

# 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.



27454C



533A3E



30453A

# Square

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



533A3E



44412F



284643



394052

# Rectangle

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



533A3E



4F3D31



284643



2A4450



# Sweetspot

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



533A3E



6B6163



4F3A53



363031



B5B5B5



363636



# Same Dimension

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



533A3E



6B454B



53423A



292525



690011



E80025



# Inverse Universe

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



533A3E



6B454B



3A4B53



292525



690011



E80025



# Previews

## White Background



This preview shows how the Hex color 533A3E looks on a white background.

## Color Contrast Check

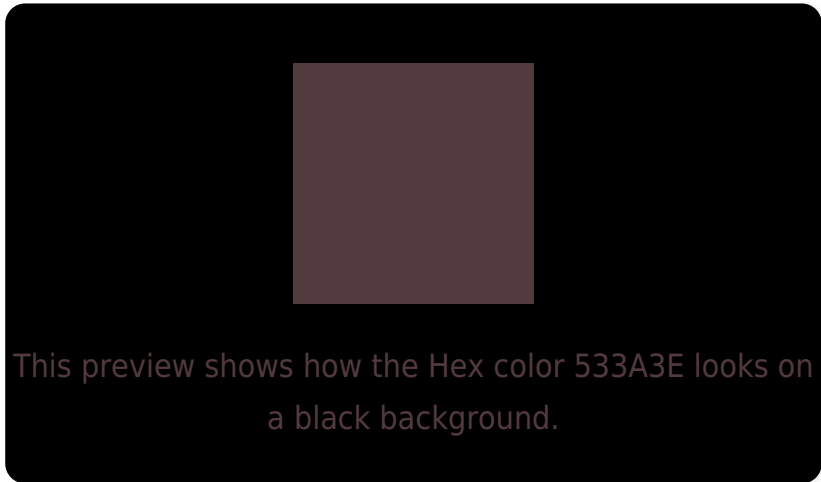
Large Text (above 18pt) WCAG AA ✓ Pass

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

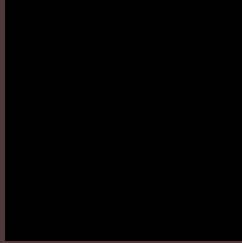
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 533A3E Background



This preview shows how black text looks on a background with the Hex color 533A3E.

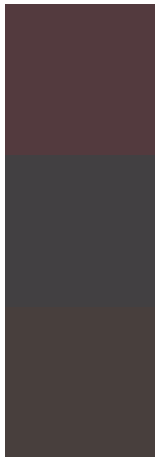


This preview shows how white text looks on a background with the Hex color 533A3E.

# 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**  
533A3E

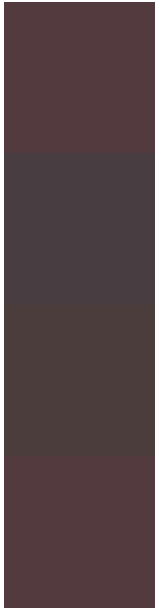
**Protanopia**  
424042

**Deuteranopia**  
483F3D



**Tritanopia**  
533A3E

# Trichromacy



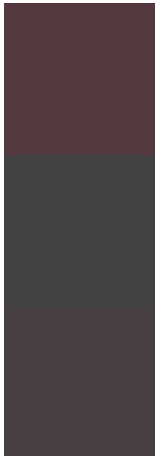
**Original Color**  
533A3E

**Protanomaly**  
483E41

**Deuteranomaly**  
4C3D3D

**Tritanomaly**  
533A3E

# Monochromacy



**Original Color**  
533A3E

**Achromatopsia**  
424242

**Achromatomaly**  
483F41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 533A3E 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 #533A3E looks like.

```
.text, #text, p{  
    color:#533A3E  
}
```

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 #533A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533A3E
}
```

## Border

The CSS property to change the border of an element to Hex 533A3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

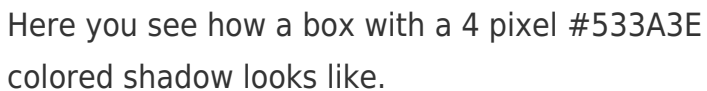
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533A3E }
```

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

```
.border{ border-color:#533A3E }
```

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



Here you see how a box with a 4 pixel #533A3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533A3E; -webkit-box-shadow:4px 4px  
4px 4px #533A3E; box-shadow:4px 4px 4px  
4px #533A3E }
```

# Background

The CSS property to change the background color of an element to Hex 533A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533A3E }
```

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

```
.background{ background-color:#533A3E }
```

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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