

Converting Colors

Hex(513E49)

Have a look what the booklet for
Hex(513E49) contains.

Hex(513E49)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(513E49)

Conversions

Conversions Part 1

Format	Color
Hex	513E49
RGB	81, 62, 73
RGB Percent	32%, 24%, 29%
CMY	0.6824, 0.7569, 0.7137
CMYK	0.00, 0.23, 0.10, 0.68
HSL	325°, 13%, 28%
HSV	325°, 23%, 32%
XYZ	6.3186, 5.6756, 7.0658
YIQ	68.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

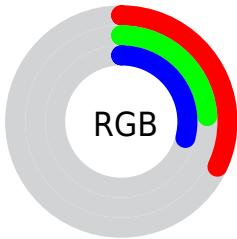
Format	Color
R_{YB}	81, 62, 73
Decimal	5324361
CIE _{Lab}	28.58, 10.40, -3.51
CIE _{LCh}	29, 10.975, 341.346
Yxy	5.6756, 0.3315, 0.2978
Android (android.graphics.Color)	4283514441 (0xFF513E49)
YUV	68.9350, 2.0040, 10.5810
Hunter-Lab	23.8236, 5.6511, -0.9083

Details

The Hex color **513E49** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E5146**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **836E7A**, and **24141D** is the 20% darker color. If you saturate the color by 10%, you get **513646**, and if you desaturate by 10%, it is **51464C**.

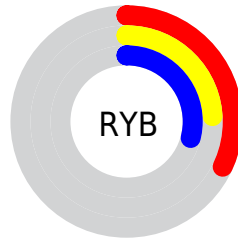
Distribution



Red (32%)

Green (24%)

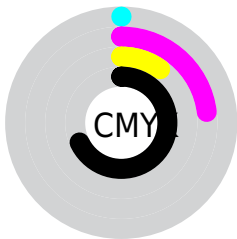
Blue (29%)



Red (32%)

Yellow (24%)

Blue (29%)

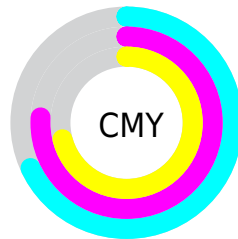


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (68%)



Cyan (68%)

Magenta (76%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 513E49 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 513E49 by changing the saturation by 10% instead.

■ 513E49

■ 513E49

FFFFFF

■ 3A2833

■ 836E7A

■ 24141D

■ 9D8793

■ 0A0003

■ B8A1AE

■ 000000

■ D3BCC9

■ F0D8E5

■ FFF5FF

■ 513E49

■ 513E49

■ 513646

■ 51464C

■ 512E42

■ 514E50

■ 51263F

■ 515653

■ 511E3B

■ 515E57

■ 511638

■ 51675A

■ 510D35

■ 516F5D

■ 510531

■ 517761

■ 51002F

■ 517F64

■ 518768

Harmonies

Analogous

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



494050



513E49



553D40

Triad

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



513E49



474433



2C484E

Complementary

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



513E49



3E5146

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.



2D4846



513E49



3D4637

Square

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



513E49



4F4134



34483E



334653

Rectangle

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



513E49



553E3B



34483E



2C484C

Sweetspot

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



513E49



696165



463E51



363134



B5B5B5



363636

Same Dimension

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



513E49



694B5C



513E40



292527



69003D



E80086

Inverse Universe

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



513E49



694B5C



3E514F



292527



69003D



E80086

Previews

White Background



This preview shows how the Hex color 513E49 looks on a white background.

Color Contrast Check

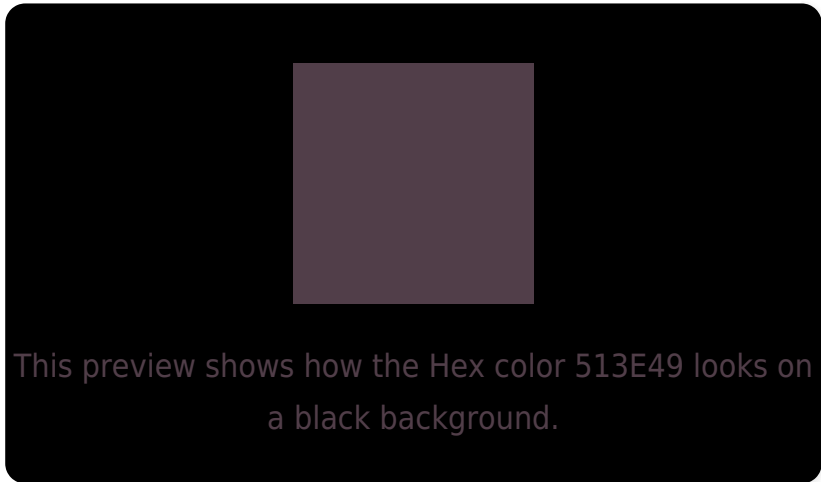
Large Text (above 18pt) WCAG AA ✓ Pass

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

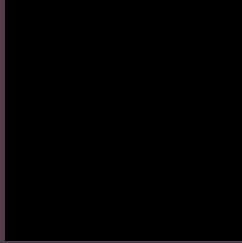
Any Text WCAG AA × Fail

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 513E49 Background



This preview shows how black text looks on a background with the Hex color 513E49.



This preview shows how white text looks on a background with the Hex color 513E49.

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](#).

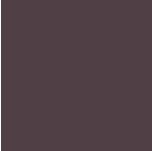
Dichromacy



Original Color
513E49

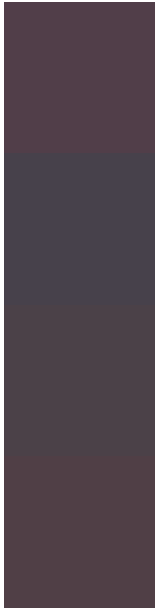
Protanopia
42434C

Deuteranopia
484248



Tritanopia
503F44

Trichromacy



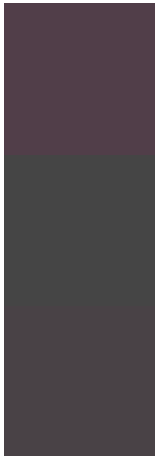
Original Color
513E49

Protanomaly
47414B

Deuteranomaly
4B4148

Tritanomaly
503F46

Monochromacy



Original Color
513E49

Achromatopsia
454545

Achromatomaly
494246

CSS Examples

Text

The CSS property to change the color of the text to Hex 513E49 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 #513E49 looks like.

```
.text, #text, p{  
    color:#513E49  
}
```

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 #513E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513E49  
}
```

Border

The CSS property to change the border of an element to Hex 513E49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

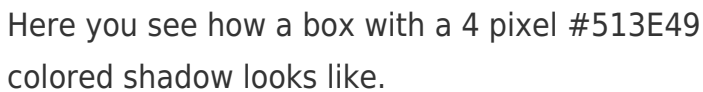
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#513E49 }
```

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

```
.border{ border-color:#513E49 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin dark blue border. The shadow is a dark blue rectangle that is slightly offset to the right and bottom of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #513E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513E49; -webkit-box-shadow:4px 4px  
4px 4px #513E49; box-shadow:4px 4px 4px  
4px #513E49 }
```

Background

The CSS property to change the background color of an element to Hex 513E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513E49 }
```

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

```
.background{ background-color:#513E49 }
```

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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