

Converting Colors

Hex(513E20)

Have a look what the booklet for
Hex(513E20) contains.

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Color

Hex(513E20)

Conversions

Conversions Part 1

Format	Color
Hex	513E20
RGB	81, 62, 32
RGB Percent	32%, 24%, 13%
CMY	0.6824, 0.7569, 0.8745
CMYK	0.00, 0.23, 0.60, 0.68
HSL	37°, 43%, 22%
HSV	37°, 60%, 32%
XYZ	5.3767, 5.2989, 2.1059
YIQ	64.2610, 20.9540, -5.3020

Conversions

Conversions Part 2

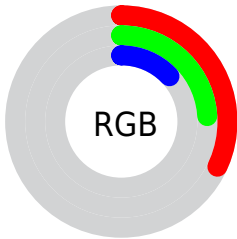
Format	Color
RYB	63, 81, 32
Decimal	5324320
CIELab	27.57, 4.14, 21.43
CIELCh	28, 21.831, 79.075
Yxy	5.2989, 0.4207, 0.4146
Android (android.graphics.Color)	4283514400 (0xFF513E20)
YUV	64.2610, -15.9047, 14.6801
Hunter-Lab	23.0193, 1.4090, 10.6894

Details

The Hex color **513E20** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **203351**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **846D4D**, and **221400** is the 20% darker color. If you saturate the color by 10%, you get **513B18**, and if you desaturate by 10%, it is **514128**.

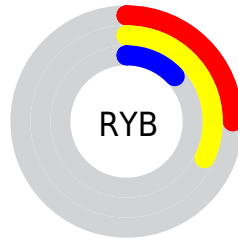
Distribution



 Red (32%)

 Green (24%)

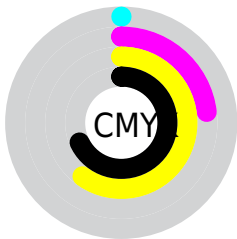
 Blue (13%)



 Red (25%)

 Yellow (32%)

 Blue (13%)

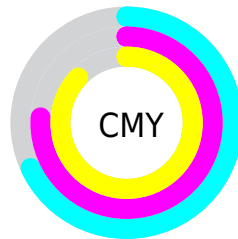


 Cyan (0%)

 Magenta (23%)

 Yellow (60%)

 Black (68%)



 Cyan (68%)

 Magenta (76%)

 Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 513E20 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 513E20 by changing the saturation by 10% instead.

■ 513E20

■ 513E20

FFFFFF

■ 39280A

■ 846D4D

■ 221400

■ 9F8765

■ 000000

■ BAA17E

■ D6BC98

■ F3D8B3

■ FFF4CF

■ FFFFEB

■ 513E20

■ 513E20

■ 513B18

■ 514128

■ 513810

■ 514430

■ 513508

■ 514738

■ 513200

■ 514B40

■ 514E49

■ 515151

■ 515459

■ 515761

■ 515A69

Harmonies

Analogous

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



5D3828



513E20



414321

Triad

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



513E20



004A4B



503957

Complementary

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



513E20



203351

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.



393F61



513E20



00485A

Square

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



513E20



15493A



1A4562



5D3448

Rectangle

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



513E20



354626



1A4562



493B5B

Sweetspot

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



513E20



696156



512034



36312A



B5B5B5



363636

Same Dimension

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



513E20



694B1C



4C5120



292725



694000



E88E00

Inverse Universe

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



203351



1C3A69



252051



252629



002969



005AE8

Previews

White Background



This preview shows how the Hex color 513E20 looks on a white background.

Color Contrast Check

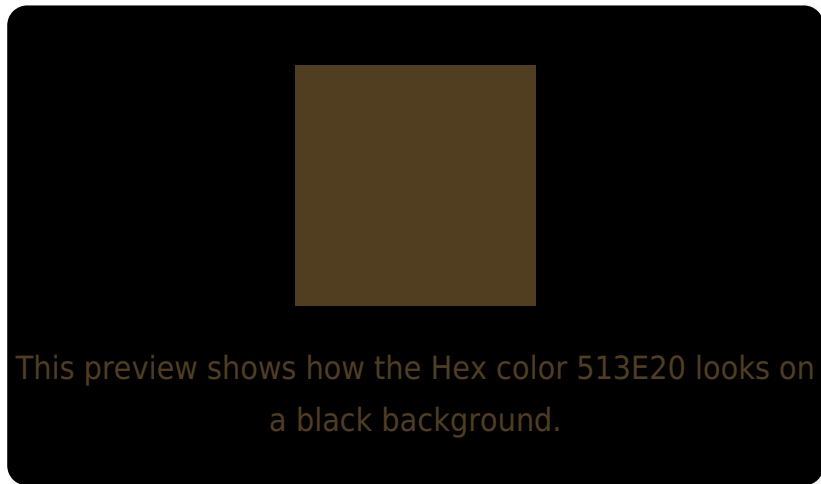
Large Text (above 18pt) WCAG AA ✓ Pass

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

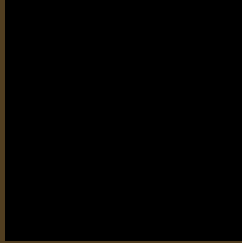
Any Text WCAG AA × Fail

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 513E20 Background



This preview shows how black text looks on a background with the Hex color 513E20.

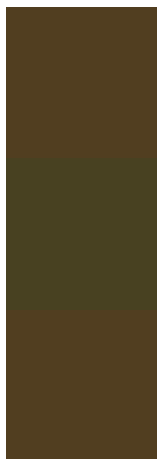


This preview shows how white text looks on a background with the Hex color 513E20.

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](#).

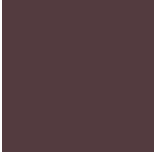
Dichromacy



Original Color
513E20

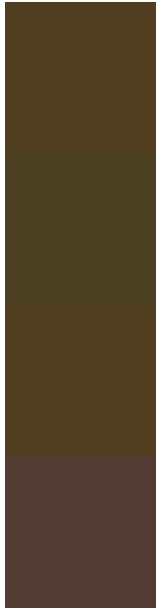
Protanopia
484121

Deuteranopia
513E20



Tritanopia
533B3F

Trichromacy



Original Color
513E20

Protanomaly
4B4021

Deuteranomaly
513E20

Tritanomaly
523C34

Monochromacy



Original Color
513E20

Achromatopsia
404040

Achromatomaly
463F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 513E20 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 #513E20 looks like.

```
.text, #text, p{  
    color:#513E20  
}
```

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 #513E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513E20
}
```

Border

The CSS property to change the border of an element to Hex 513E20 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".

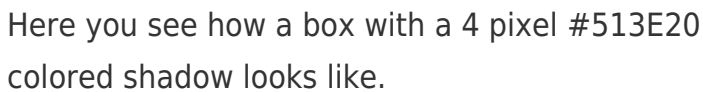
```
.border, #border, table{ border:4px solid
#513E20 }
```

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

```
.border{ border-color:#513E20 }
```

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

Here you see how a box with a 4 pixel #513E20 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513E20; -webkit-box-shadow:4px 4px  
4px 4px #513E20; box-shadow:4px 4px 4px  
4px #513E20 }
```

Background

The CSS property to change the background color of an element to Hex 513E20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513E20 }
```

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

```
.background{ background-color:#513E20 }
```

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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