

Converting Colors

Hex(500E31)

Have a look what the booklet for
Hex(500E31) contains.

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Color

Hex(500E31)

Conversions

Conversions Part 1

Format	Color
Hex	500E31
RGB	80, 14, 49
RGB Percent	31%, 5%, 19%
CMY	0.6863, 0.9451, 0.8078
CMYK	0.00, 0.82, 0.39, 0.69
HSL	328°, 70%, 18%
HSV	328°, 82%, 31%
XYZ	4.0197, 2.2413, 3.1265
YIQ	37.7240, 28.1010, 24.8770

Conversions

Conversions Part 2

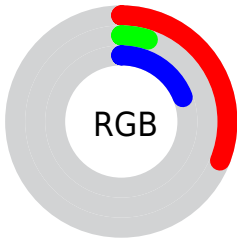
Format	Color
RYB	80, 14, 49
Decimal	5246513
CIELab	16.71, 33.23, -4.85
CIElCh	17, 33.582, 351.688
Yxy	2.2413, 0.4282, 0.2388
Android (android.graphics.Color)	4283436593 (0xFF500E31)
YUV	37.7240, 5.5591, 37.0761
Hunter-Lab	14.9710, 21.7277, -1.9022

Details

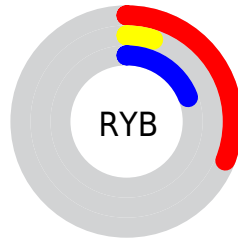
The Hex color **500E31** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0E502D**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **84405F**, and **210001** is the 20% darker color. If you saturate the color by 10%, you get **50062D**, and if you desaturate by 10%, it is **501635**.

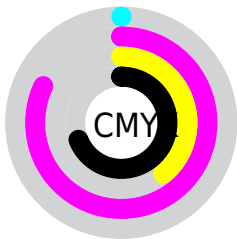
Distribution



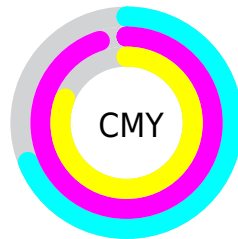
- Red (31%)
- Green (5%)
- Blue (19%)



- Red (31%)
- Yellow (5%)
- Blue (19%)



- Cyan (0%)
- Magenta (82%)
- Yellow (39%)
- Black (69%)



- Cyan (69%)
- Magenta (95%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 500E31 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 500E31 by changing the saturation by 10% instead.

 500E31

 500E31

 FFFBFF

 37001C

 84405F

 210001

 9F5878

 000000

 BB7291

 D88CAC

 F5A7C7

 FFC2E3

 FFDFFF

 500E31

 500E31

■ 50062D

■ 501635

■ 50002A

■ 501E39

■ 50263C

■ 502E40

■ 503644

■ 503E48

■ 50464B

■ 504E4F

■ 505653

Harmonies

Analogous

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



3F1A47



500E31



530F19

Triad

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



500E31



242D00



00324F

Complementary

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



500E31



0E502D

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.



00343A



500E31



003106

Square

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



500E31



3A2600



003322



002E59

Rectangle

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



500E31



4E1707



003322



003349

Sweetspot

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



500E31



694E5C



2D0E50



36252E



B5B5B5



363636

Same Dimension

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



500E31



690138



500E10



292527



690037



E8007B

Inverse Universe

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



500E31



690138



0E504E



292527



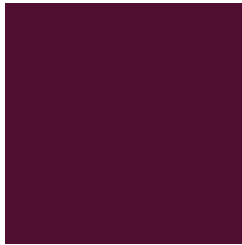
690037



E8007B

Previews

White Background



This preview shows how the Hex color 500E31 looks on a white background.

Color Contrast Check

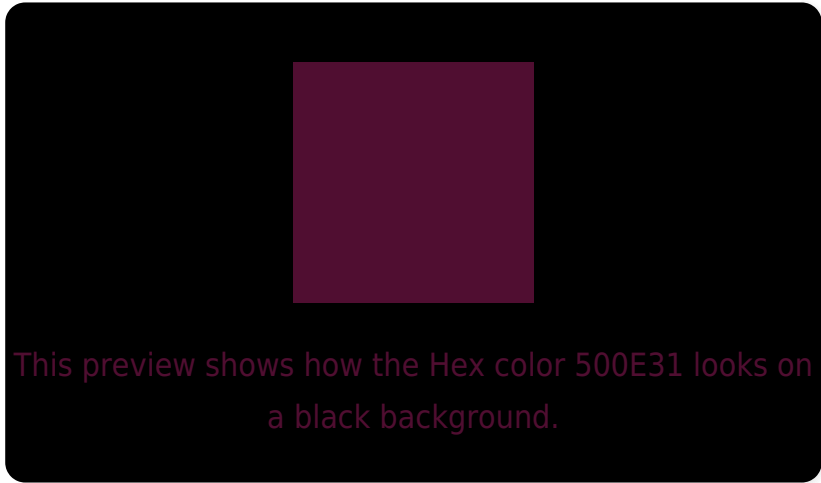
Large Text (above 18pt) WCAG AA ✓ Pass

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

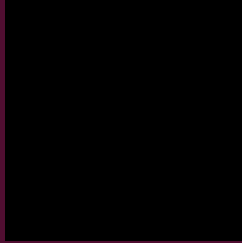
Any Text WCAG AA × Fail

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 500E31 Background



This preview shows how black text looks on a background with the Hex color 500E31.



This preview shows how white text looks on a background with the Hex color 500E31.

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
500E31

Protanopia
232B43

Deuteranopia
2F2A2E



Tritanopia
4E1718

Trichromacy



Original Color
500E31

Protanomaly
33203C

Deuteranomaly
3B202F

Tritanomaly
4F1421

Monochromacy



Original Color
500E31

Achromatopsia
262626

Achromatomaly
351D2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 500E31 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 #500E31 looks like.

```
.text, #text, p{  
    color:#500E31  
}
```

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 #500E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500E31
}
```

Border

The CSS property to change the border of an element to Hex 500E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

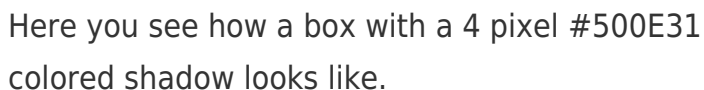
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#500E31 }
```

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

```
.border{ border-color:#500E31 }
```

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



Here you see how a box with a 4 pixel #500E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500E31; -webkit-box-shadow:4px 4px  
4px 4px #500E31; box-shadow:4px 4px 4px  
4px #500E31 }
```

Background

The CSS property to change the background color of an element to Hex 500E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500E31 }
```

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

```
.background{ background-color:#500E31 }
```

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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