

Converting Colors

Hex(510800)

Have a look what the booklet for
Hex(510800) contains.

Hex(510800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(510800)

Conversions

Conversions Part 1

Format	Color
Hex	510800
RGB	81, 8, 0
RGB Percent	32%, 3%, 0%
CMY	0.6824, 0.9686, 1.0000
CMYK	0.00, 0.90, 1.00, 0.68
HSL	6°, 100%, 16%
HSV	6°, 100%, 32%
XYZ	3.4802, 1.9230, 0.1877
YIQ	28.9150, 46.0760, 12.9880

Conversions

Conversions Part 2

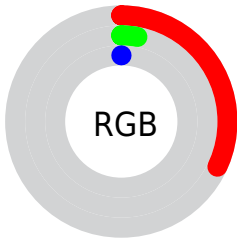
Format	Color
RYB	81, 9, 0
Decimal	5310464
CIELab	15.08, 32.08, 23.31
CIELCh	15, 39.651, 36.008
Yxy	1.9230, 0.6225, 0.3440
Android (android.graphics.Color)	4283500544 (0xFF510800)
YUV	28.9150, -14.2551, 45.6785
Hunter-Lab	13.8672, 20.5295, 8.9043

Details

The Hex color **510800** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **004951**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **883B2F**, and **170000** is the 20% darker color. If you saturate the color by 10%, you get **510800**, and if you desaturate by 10%, it is **510F08**.

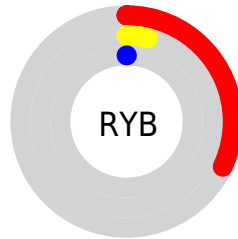
Distribution



Red (32%)

Green (3%)

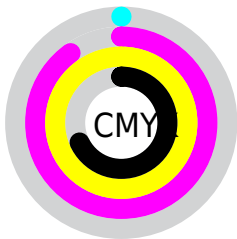
Blue (0%)



Red (32%)

Yellow (4%)

Blue (0%)

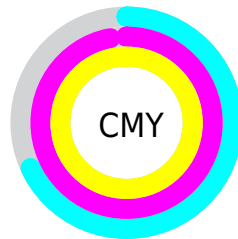


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (68%)



Cyan (68%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 510800 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 510800 by changing the saturation by 10% instead.

 510800

 510800

 FFF5E2

 360000

 883B2F

 170000

 A45346

 000000

 C16D5D

 DF8676

 FDA190

 FFBDA4

 FFD9C6

 510800

■ 510F08

■ 511710

■ 511E18

■ 512520

■ 512D29

■ 513431

■ 513B39

■ 514241

■ 514A49

Harmonies

Analogous

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



550022



510800



421B00

Triad

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



510800



00300C



00285E

Complementary

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



510800



004951

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.



002F59



510800



00312B

Square

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



510800



0C2D00



003146



2A1B54

Rectangle

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



510800



332400



003146



002B5F

Sweetspot

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



510800



694C49



51004A



362422



B5B5B5



363636

Same Dimension

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



510800



690A00



512F00



292525



E81700

Inverse Universe

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



004951



005E69



002251



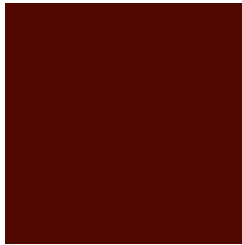
252829



00D1E8

Previews

White Background



This preview shows how the Hex color 510800 looks on a white background.

Color Contrast Check

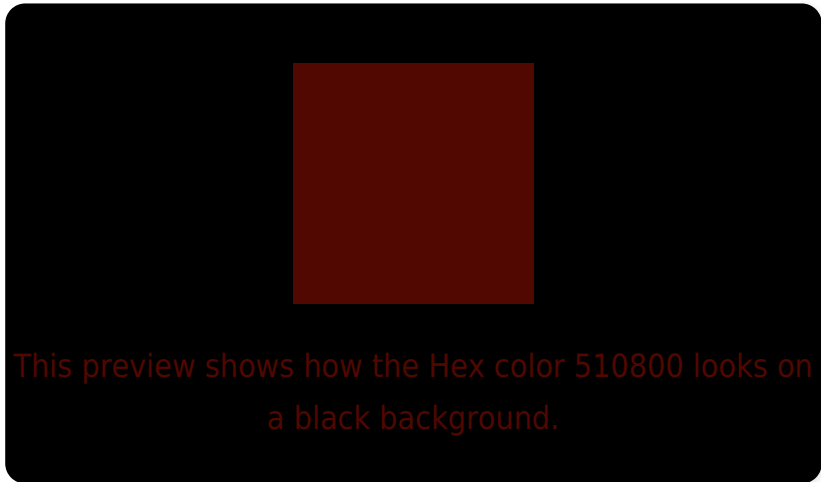
Large Text (above 18pt) WCAG AA ✓ Pass

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

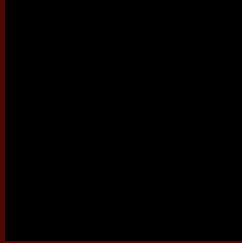
Any Text WCAG AA × Fail

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 510800 Background



This preview shows how black text looks on a background with the Hex color 510800.

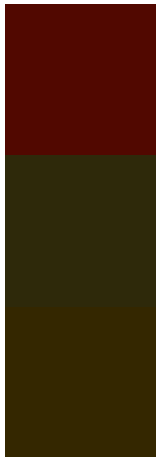


This preview shows how white text looks on a background with the Hex color 510800.

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
510800

Protanopia
2E290A

Deuteranopia
342700



Tritanopia
510804

Trichromacy



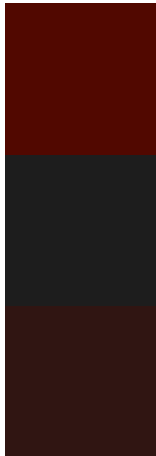
Original Color
510800

Protanomaly
3B1D06

Deuteranomaly
3F1C00

Tritanomaly
510803

Monochromacy



Original Color
510800

Achromatopsia
1D1D1D

Achromatomaly
301512

CSS Examples

Text

The CSS property to change the color of the text to Hex 510800 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 #510800 looks like.

```
.text, #text, p{  
    color:#510800  
}
```

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 #510800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #510800
}
```

Border

The CSS property to change the border of an element to Hex 510800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

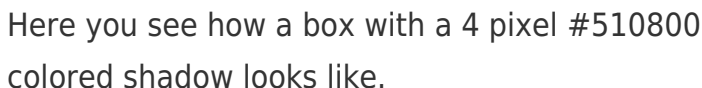
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#510800 }
```

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

```
.border{ border-color:#510800 }
```

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



Here you see how a box with a 4 pixel #510800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #510800; -webkit-box-shadow:4px 4px  
4px 4px #510800; box-shadow:4px 4px 4px  
4px #510800 }
```

Background

The CSS property to change the background color of an element to Hex 510800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#510800 }
```

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

```
.background{ background-color:#510800 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor