

Converting Colors

Hex(500800)

Have a look what the booklet for
Hex(500800) contains.

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Color

Hex(500800)

Conversions

Conversions Part 1

Format	Color
Hex	500800
RGB	80, 8, 0
RGB Percent	31%, 3%, 0%
CMY	0.6863, 0.9686, 1.0000
CMYK	0.00, 0.90, 1.00, 0.69
HSL	6°, 100%, 16%
HSV	6°, 100%, 31%
XYZ	3.3951, 1.8791, 0.1838
YIQ	28.6160, 45.4800, 12.7760

Conversions

Conversions Part 2

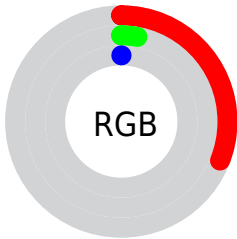
Format	Color
R_{YB}	80, 9, 0
Decimal	5244928
CIE _{Lab}	14.84, 31.74, 22.96
CIE _{LCh}	15, 39.170, 35.880
Yxy	1.8791, 0.6220, 0.3443
Android (android.graphics.Color)	4283435008 (0xFF500800)
YUV	28.6160, -14.1077, 45.0638
Hunter-Lab	13.7082, 20.2197, 8.8009

Details

The Hex color **500800** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **004850**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **873B2F**, and **150000** is the 20% darker color. If you saturate the color by 10%, you get **500800**, and if you desaturate by 10%, it is **500F08**.

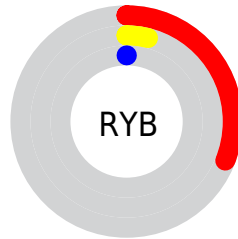
Distribution



Red (31%)

Green (3%)

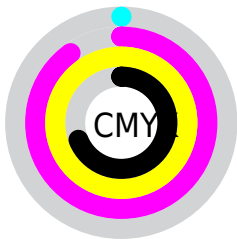
Blue (0%)



Red (31%)

Yellow (4%)

Blue (0%)

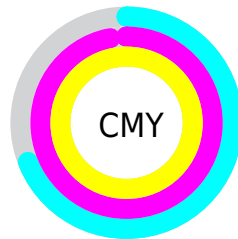


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (69%)



Cyan (69%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 500800 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 500800 by changing the saturation by 10% instead.

 500800

 500800

 FFF5E2

 350000

 873B2F

 150000

 A35346

 000000

 C06C5D

 DD8676

 FBA190

 FFBCAA

 FFD8C6

 500800

■ 500F08

■ 501610

■ 501E18

■ 502520

■ 502C28

■ 503330

■ 503A38

■ 504240

■ 504948

Harmonies

Analogous

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



540021



500800



411B00

Triad

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



500800



002F0C



00275D

Complementary

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



500800



004850

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.



002E58



500800



00312A

Square

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



500800



0D2C00



003045



2A1B53

Rectangle

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



500800



332300



003045



002A5D

Sweetspot

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



500800



694C49



500048



362422



B5B5B5



363636

Same Dimension

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



500800



690A00



503000



292525



E81700

Inverse Universe

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



004850



005E69



002050



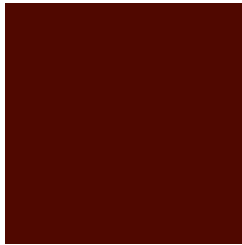
252829



00D1E8

Previews

White Background



This preview shows how the Hex color 500800 looks on a white background.

Color Contrast Check

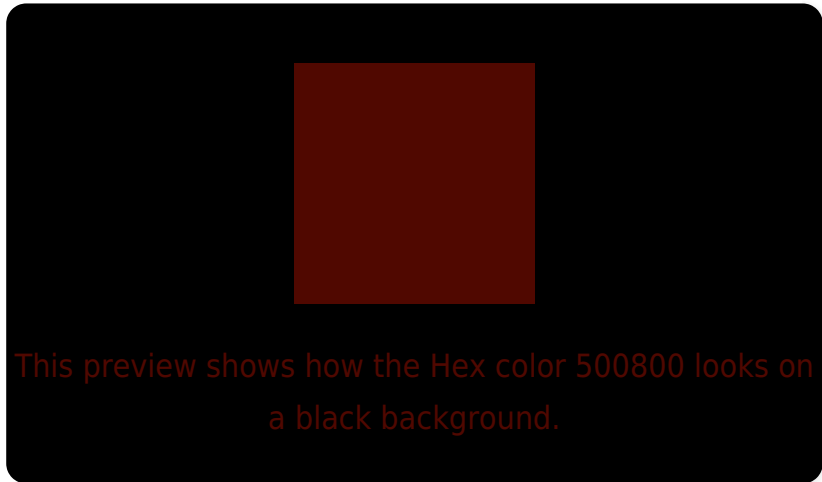
Large Text (above 18pt) WCAG AA ✓ Pass

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

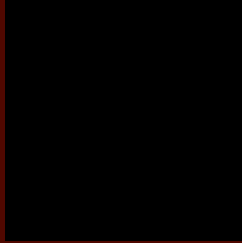
Any Text WCAG AA × Fail

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 500800 Background



This preview shows how black text looks on a background with the Hex color 500800.

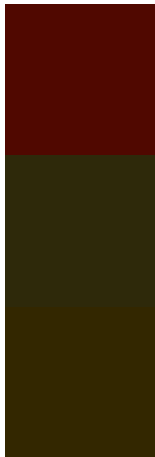


This preview shows how white text looks on a background with the Hex color 500800.

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
500800

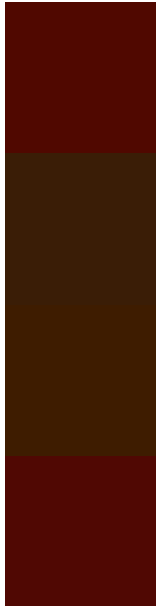
Protanopia
2E290A

Deuteranopia
332700



Tritanopia
500804

Trichromacy



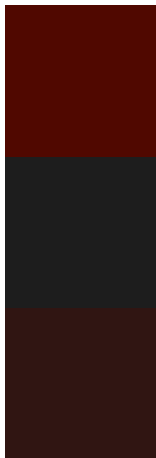
Original Color
500800

Protanomaly
3A1D06

Deuteranomaly
3E1C00

Tritanomaly
500803

Monochromacy



Original Color
500800

Achromatopsia
1D1D1D

Achromatomaly
301512

CSS Examples

Text

The CSS property to change the color of the text to Hex 500800 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 #500800 looks like.

```
.text, #text, p{  
    color:#500800  
}
```

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 #500800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500800
}
```

Border

The CSS property to change the border of an element to Hex 500800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

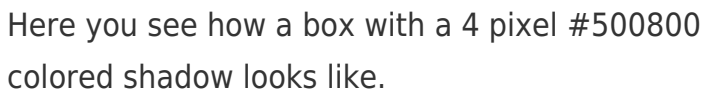
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#500800 }
```

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

```
.border{ border-color:#500800 }
```

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



Here you see how a box with a 4 pixel #500800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500800; -webkit-box-shadow:4px 4px  
4px 4px #500800; box-shadow:4px 4px 4px  
4px #500800 }
```

Background

The CSS property to change the background color of an element to Hex 500800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500800 }
```

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

```
.background{ background-color:#500800 }
```

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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