

Converting Colors

Hex(510006)

Have a look what the booklet for
Hex(510006) contains.

Hex(510006)	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(510006)

Conversions

Conversions Part 1

Format	Color
Hex	510006
RGB	81, 0, 6
RGB Percent	32%, 0%, 2%
CMY	0.6824, 1.0000, 0.9765
CMYK	0.00, 1.00, 0.93, 0.68
HSL	356°, 100%, 16%
HSV	356°, 100%, 32%
XYZ	3.4262, 1.7625, 0.3319
YIQ	24.9030, 46.3500, 19.0380

Conversions

Conversions Part 2

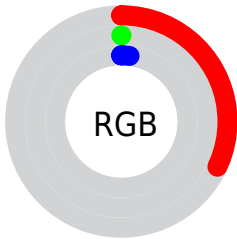
Format	Color
RYB	81, 0, 6
Decimal	5308422
CIELab	14.19, 35.05, 19.71
CIELCh	14, 40.213, 29.357
Yxy	1.7625, 0.6206, 0.3193
Android (android.graphics.Color)	4283498502 (0xFF510006)
YUV	24.9030, -9.3192, 49.1971
Hunter-Lab	13.2758, 22.8343, 7.8108

Details

The Hex color **510006** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00514B**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **883633**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **510006**, and if you desaturate by 10%, it is **51080E**.

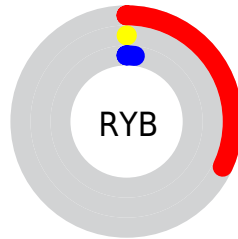
Distribution



Red (32%)

Green (0%)

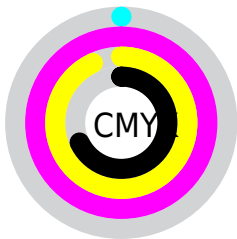
Blue (2%)



Red (32%)

Yellow (0%)

Blue (2%)

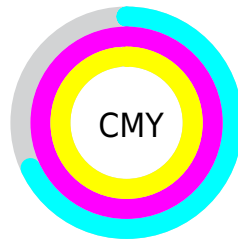


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (68%)



Cyan (68%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 510006 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 510006 by changing the saturation by 10% instead.

 510006

 510006

 FFF1E6

 370000

 883633

 160000

 A54F4A

 000000

 C26861

 DF827A

 FD9D94

 FFB8AF

 FFD4CA

 510006

■ 51080E

■ 511015

■ 51181D

■ 512024

■ 51292C

■ 513133

■ 51393B

■ 514142

■ 51494A

Harmonies

Analogous

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



520026



510006



441600

Triad

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



510006



002E00



00285D

Complementary

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



510006



00514B

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.



002E55



510006



002F23

Square

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



510006



122A00



002F3F



1B1D56

Rectangle

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



510006



361F00



002F3F



002B5C

Sweetspot

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



510006



69494C



4A0051



362224



B5B5B5



363636

Same Dimension

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



510006



690008



512200



292525



E80011

Inverse Universe

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



510006



690008



002F51



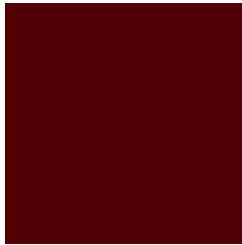
292525



E80011

Previews

White Background



This preview shows how the Hex color 510006 looks on a white background.

Color Contrast Check

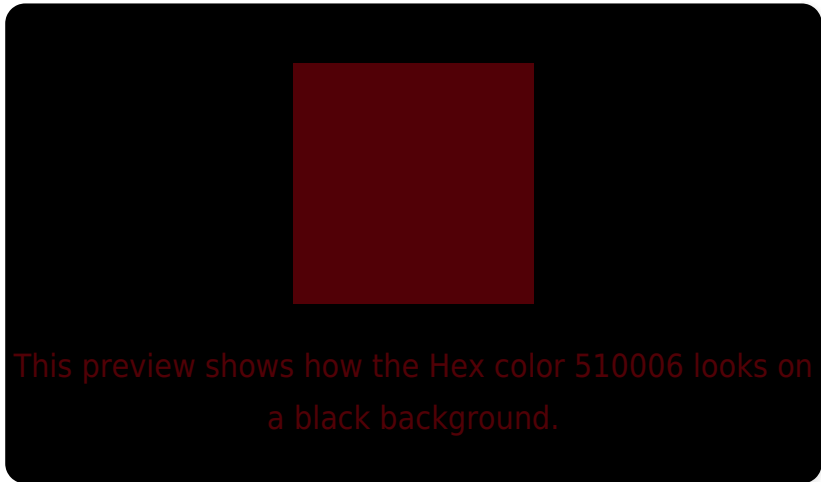
Large Text (above 18pt) WCAG AA ✓ Pass

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

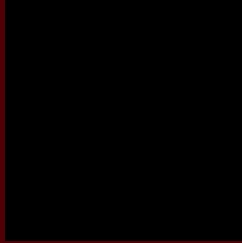
Any Text WCAG AA × Fail

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 510006 Background



This preview shows how black text looks on a background with the Hex color 510006.

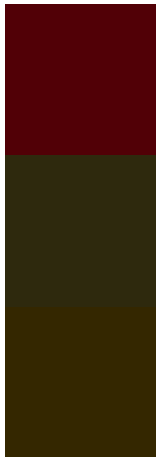


This preview shows how white text looks on a background with the Hex color 510006.

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
510006

Protanopia
2E290D

Deuteranopia
342700



Tritanopia
500700

Trichromacy



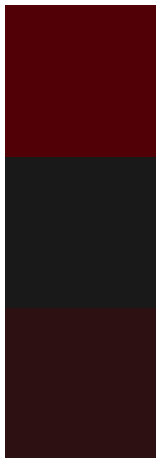
Original Color
510006

Protanomaly
3B1A0A

Deuteranomaly
3F1902

Tritanomaly
500402

Monochromacy



Original Color
510006

Achromatopsia
191919

Achromatomaly
2D1012

CSS Examples

Text

The CSS property to change the color of the text to Hex 510006 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 #510006 looks like.

```
.text, #text, p{  
    color:#510006  
}
```

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 #510006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #510006
}
```

Border

The CSS property to change the border of an element to Hex 510006 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
#510006 }
```

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

```
.border{ border-color:#510006 }
```

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

Here you see how a box with a 4 pixel #510006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #510006; -webkit-box-shadow:4px 4px  
4px 4px #510006; box-shadow:4px 4px 4px  
4px #510006 }
```

Background

The CSS property to change the background color of an element to Hex 510006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#510006 }
```

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

```
.background{ background-color:#510006 }
```

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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