

Converting Colors

Hex(510850)

Have a look what the booklet for
Hex(510850) contains.

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Color

Hex(510850)

Conversions

Conversions Part 1

Format	Color
Hex	510850
RGB	81, 8, 80
RGB Percent	32%, 3%, 31%
CMY	0.6824, 0.9686, 0.6863
CMYK	0.00, 0.90, 0.01, 0.68
HSL	301°, 82%, 17%
HSV	301°, 90%, 32%
XYZ	4.9281, 2.5022, 7.8126
YIQ	38.0350, 20.3960, 37.8680

Conversions

Conversions Part 2

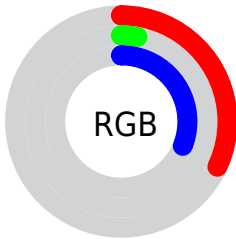
Format	Color
RYB	81, 8, 80
Decimal	5310544
CIELab	17.93, 40.20, -24.61
CIElCh	18, 47.137, 328.526
Yxy	2.5022, 0.3233, 0.1642
Android (android.graphics.Color)	4283500624 (0xFF510850)
YUV	38.0350, 20.6887, 37.6803
Hunter-Lab	15.8183, 27.9291, -18.2105

Details

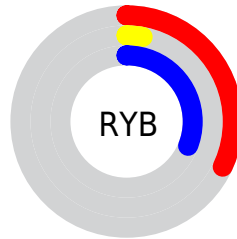
The Hex color **510850** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **085109**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **853E82**, and **230023** is the 20% darker color. If you saturate the color by 10%, you get **510050**, and if you desaturate by 10%, it is **511050**.

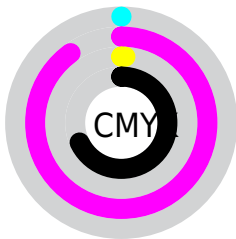
Distribution



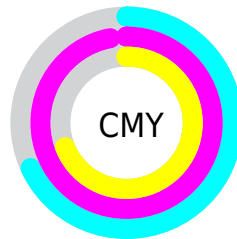
- Red (32%)
- Green (3%)
- Blue (31%)



- Red (32%)
- Yellow (3%)
- Blue (31%)



- Cyan (0%)
- Magenta (90%)
- Yellow (1%)
- Black (68%)



- Cyan (68%)
- Magenta (97%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 510850 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 510850 by changing the saturation by 10% instead.

510850

510850

FFFBFF

380039

853E82

230023

A0579C

000009

BC71B7

000000

D88BD3

F5A6EF

FFC2FF

FFDEFF

510850

510850

■ 510050

■ 511050

■ 511850

■ 512050

■ 512850

■ 513151

■ 513951

■ 514151

■ 514951

■ 515151

Harmonies

Analogous

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



1D2369



510850



63002F

Triad

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



510850



392A00



00394C

Complementary

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



510850



085109

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.



003929



510850



163300

Square

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



510850



521A00



003700



003866

Rectangle

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



510850



640019



003700



003941

Sweetspot

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



510850



694C68



080851



362435



B5B5B5



363636

Same Dimension

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



510850



690067



51082D



292529



E800E5

Inverse Universe

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



510850



690067



08512D



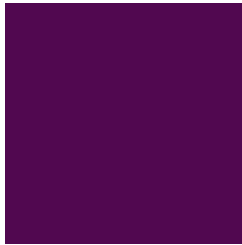
292529



E800E5

Previews

White Background



This preview shows how the Hex color 510850 looks on a white background.

Color Contrast Check

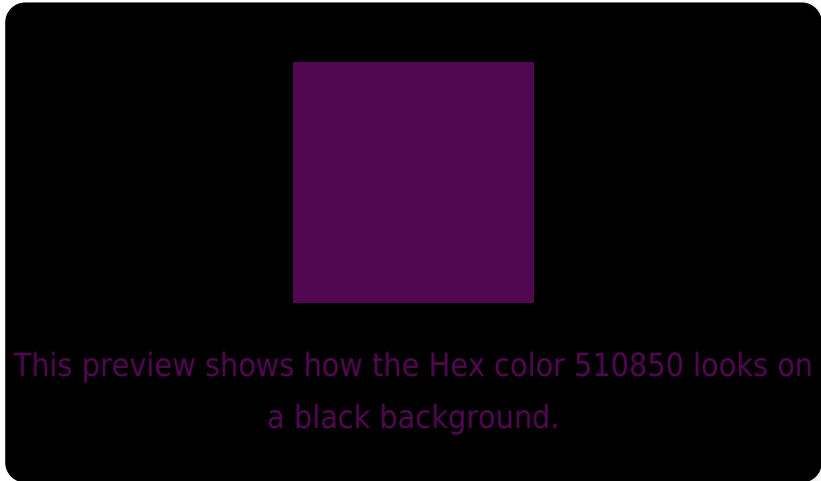
Large Text (above 18pt) WCAG AA ✓ Pass

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

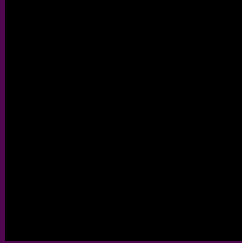
Any Text WCAG AA × Fail

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 510850 Background



This preview shows how black text looks on a background with the Hex color 510850.



This preview shows how white text looks on a background with the Hex color 510850.

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
510850

Protanopia
002D5F

Deuteranopia
1E2F4B

Trichromacy



Original Color
510850

Protanomaly
1D205A

Deuteranomaly
31214D

Tritanomaly
4E1733

Monochromacy



Original Color
510850

Achromatopsia
262626

Achromatomaly
361B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 510850 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 #510850 looks like.

```
.text, #text, p{  
    color:#510850  
}
```

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 #510850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #510850
}
```

Border

The CSS property to change the border of an element to Hex 510850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

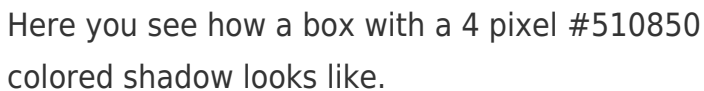
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#510850 }
```

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

```
.border{ border-color:#510850 }
```

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



Here you see how a box with a 4 pixel #510850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #510850; -webkit-box-shadow:4px 4px  
4px 4px #510850; box-shadow:4px 4px 4px  
4px #510850 }
```

Background

The CSS property to change the background color of an element to Hex 510850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#510850 }
```

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

```
.background{ background-color:#510850 }
```

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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