

Converting Colors

Hex(510081)

Have a look what the booklet for
Hex(510081) contains.

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Color

Hex(510081)

Conversions

Conversions Part 1

Format	Color
Hex	510081
RGB	81, 0, 129
RGB Percent	32%, 0%, 51%
CMY	0.6824, 1.0000, 0.4941
CMYK	0.37, 1.00, 0.00, 0.49
HSL	278°, 100%, 25%
HSV	278°, 100%, 51%
XYZ	7.3558, 3.3343, 21.0248
YIQ	38.9250, 6.8670, 57.2910

Conversions

Conversions Part 2

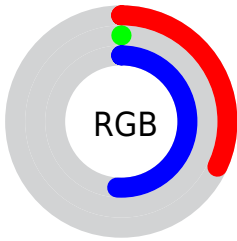
Format	Color
RYB	81, 0, 129
Decimal	5308545
CIELab	21.34, 52.14, -51.23
CIELCh	21, 73.098, 315.509
Yxy	3.3343, 0.2319, 0.1051
Android (android.graphics.Color)	4283498625 (0xFF510081)
YUV	38.9250, 44.4070, 36.8998
Hunter-Lab	18.2601, 39.9507, -55.4848

Details

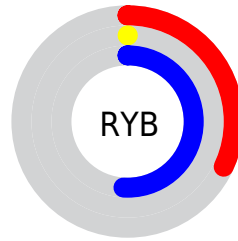
The Hex color **510081** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **308100**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **883EB7**, and **1C004F** is the 20% darker color. If you saturate the color by 10%, you get **510081**, and if you desaturate by 10%, it is **560D81**.

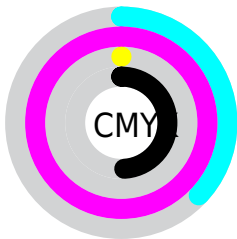
Distribution



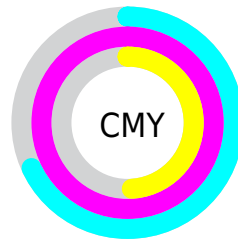
- Red (32%)
- Green (0%)
- Blue (51%)



- Red (32%)
- Yellow (0%)
- Blue (51%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (68%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 510081 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 510081 by changing the saturation by 10% instead.

 510081

 510081

FFFEFF

 360067

 883EB7

 1C004F

 A458D3

 000037

 C072F0

 000220

 DD8DFF


 000004

 FBA9FF

 000000

 FFC5FF

 FFE1FF

 510081

■ 560D81

■ 5B1A81

■ 5F2781

■ 643481

■ 694181

■ 6E4D81

■ 735A81

■ 776781

■ 7C7481

Harmonies

Analogous

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



00339F



510081



800050

Triad

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



510081



552700



00464F

Complementary

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



510081



308100

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.



004415



510081



253A00

Square

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



510081



770000



004100



004681

Rectangle

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



510081



89002D



004100



00453C

Sweetspot

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



510081



9676A8



003181



493654



D4D4D4



545454

Same Dimension

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



510081



6A00A8



810072



3D3940



500080



000000

Inverse Universe

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



810030



A8003F



00810F



40393C



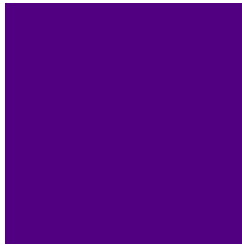
80002F



000000

Previews

White Background



This preview shows how the Hex color 510081 looks on a white background.

Color Contrast Check

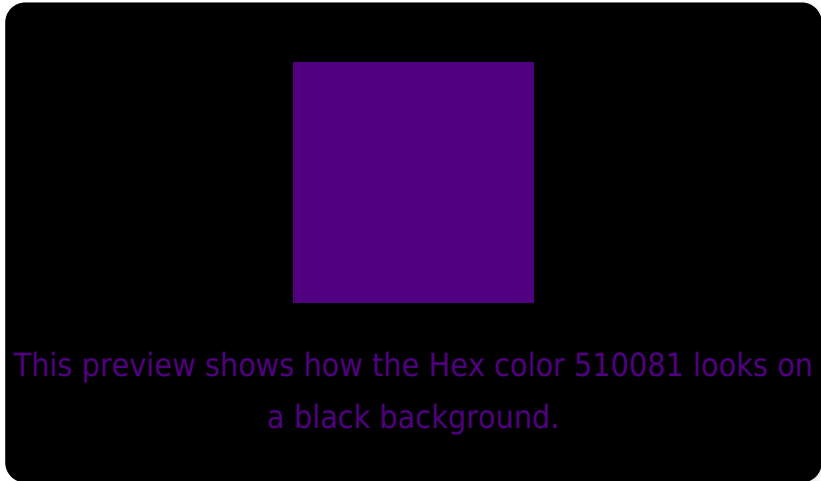
Large Text (above 18pt) WCAG AA ✓ Pass

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

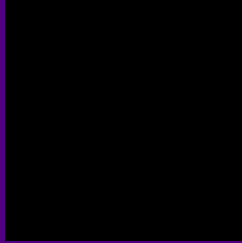
Any Text WCAG AA × Fail

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 510081 Background



This preview shows how black text looks on a background with the Hex color 510081.



This preview shows how white text looks on a background with the Hex color 510081.

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](#).

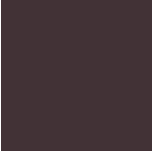
Dichromacy



Original Color
510081

Protanopia
00356F

Deuteranopia
003860



Tritanopia
423236

Trichromacy



Original Color
510081

Protanomaly
1D2276

Deuteranomaly
1D246C

Tritanomaly
472051

Monochromacy



Original Color
510081

Achromatopsia
272727

Achromatomaly
361948

CSS Examples

Text

The CSS property to change the color of the text to Hex 510081 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 #510081 looks like.

```
.text, #text, p{  
    color:#510081  
}
```

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 #510081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #510081
}
```

Border

The CSS property to change the border of an element to Hex 510081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

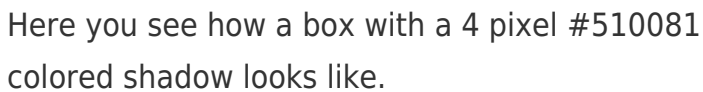
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#510081 }
```

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

```
.border{ border-color:#510081 }
```

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



Here you see how a box with a 4 pixel #510081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #510081; -webkit-box-shadow:4px 4px  
4px 4px #510081; box-shadow:4px 4px 4px  
4px #510081 }
```

Background

The CSS property to change the background color of an element to Hex 510081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#510081 }
```

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

```
.background{ background-color:#510081 }
```

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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