

# Converting Colors

Hex(510267)

Have a look what the booklet for  
Hex(510267) contains.

<b>Hex(510267)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(510267)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	510267
RGB	81, 2, 103
RGB Percent	32%, 1%, 40%
CMY	0.6824, 0.9922, 0.5961
CMYK	0.21, 0.98, 0.00, 0.60
HSL	287°, 96%, 21%
HSV	287°, 98%, 40%
XYZ	5.8632, 2.7720, 13.0580
YIQ	37.1350, 14.6630, 48.1590

# Conversions

## Conversions Part 2

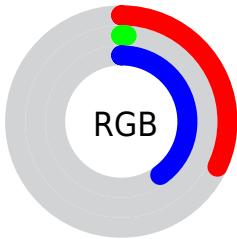
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 2, 103
Decimal	5309031
CIE <sub>Lab</sub>	19.11, 46.24, -38.10
CIE <sub>LCh</sub>	19, 59.914, 320.513
Yxy	2.7720, 0.2703, 0.1278
Android (android.graphics.Color)	4283499111 (0xFF510267)
YUV	37.1350, 32.4714, 38.4696
Hunter-Lab	16.6494, 33.7239, -34.8461

# Details

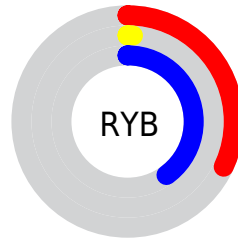
The Hex color **510267** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **186702**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **863D9B**, and **220037** is the 20% darker color. If you saturate the color by 10%, you get **510067**, and if you desaturate by 10%, it is **530C67**.

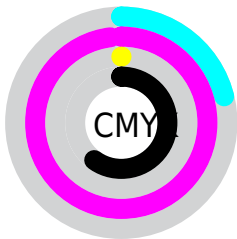
# Distribution



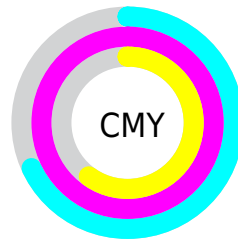
- Red (32%)
- Green (1%)
- Blue (40%)



- Red (32%)
- Yellow (1%)
- Blue (40%)



- Cyan (21%)
- Magenta (98%)
- Yellow (0%)
- Black (60%)




- Cyan (68%)
- Magenta (99%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 510267 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 510267 by changing the saturation by 10% instead.



 510267

 510267


 FFFBFF

 37004E

 863D9B

 220037

 A156B6

 000221

 BD70D2

 000005

 DA8BEE

 000000

 F7A6FF

 FFC2FF

 FFDEFF

 510267

 510267

■ 510067

■ 530C67

■ 551767

■ 582167

■ 5A2B67

■ 5C3567

■ 5E4067

■ 614A67

■ 635467

■ 655F67

# Harmonies

## Analogous

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



002A82



510267



70003E

# Triad

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



510267



462800



003E4C

# Complementary

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



510267



186702

# 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.



003D1F



510267



1C3500

# Square

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



510267



630600



003B00



003E73

# Rectangle

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



510267



750022



003B00



003E3D



# Sweetspot

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



510267



7F6087



021A67



402D45



C4C4C4



454545



# Same Dimension

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



510267



6A0087



67024C



322E33



5A0073



BD00F2



# Inverse Universe

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



670218



87001D



02671D



332E2F



730019

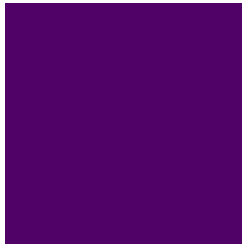


F20035



# Previews

## White Background



This preview shows how the Hex color 510267 looks on a white background.

## Color Contrast Check

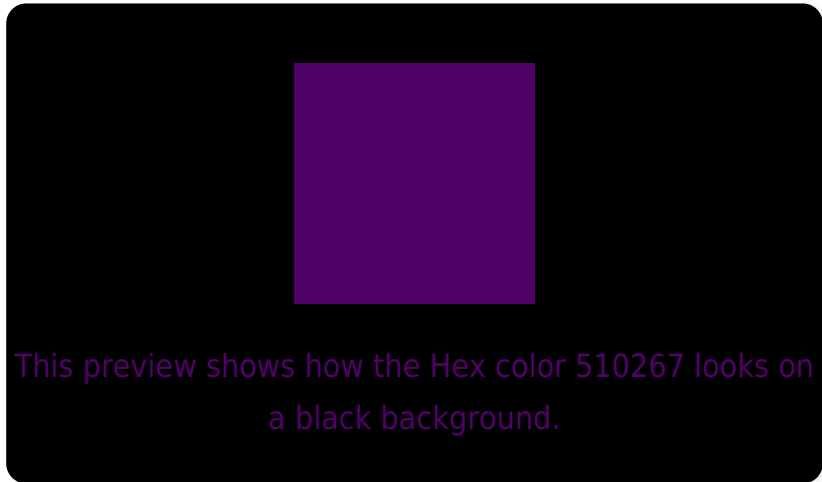
Large Text (above 18pt) WCAG AA ✓ Pass

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

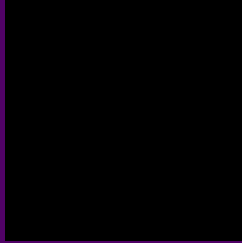
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 510267 Background



This preview shows how black text looks on a background with the Hex color 510267.



This preview shows how white text looks on a background with the Hex color 510267.

# 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**  
510267

**Protanopia**  
003066

**Deuteranopia**  
003359



**Tritanopia**  
48282B

# Trichromacy



**Original Color**  
510267

**Protanomaly**  
1D1F66

**Deuteranomaly**  
1D215E

**Tritanomaly**  
4B1A41

# Monochromacy



**Original Color**  
510267

**Achromatopsia**  
252525

**Achromatomaly**  
35183D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 510267 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 #510267 looks like.

```
.text, #text, p{  
    color:#510267  
}
```

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 #510267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #510267
}
```

## Border

The CSS property to change the border of an element to Hex 510267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

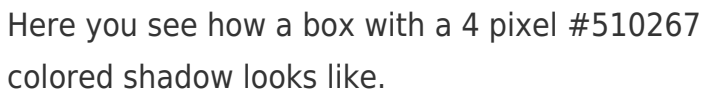
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#510267 }
```

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

```
.border{ border-color:#510267 }
```

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



Here you see how a box with a 4 pixel #510267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #510267; -webkit-box-shadow:4px 4px  
4px 4px #510267; box-shadow:4px 4px 4px  
4px #510267 }
```

# Background

The CSS property to change the background color of an element to Hex 510267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#510267 }
```

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

```
.background{ background-color:#510267 }
```

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