

# Converting Colors

Hex(530146)

Have a look what the booklet for  
Hex(530146) contains.

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**Color**

**Hex(530146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	530146
RGB	83, 1, 70
RGB Percent	33%, 0%, 27%
CMY	0.6745, 0.9961, 0.7255
CMYK	0.00, 0.99, 0.16, 0.67
HSL	310°, 98%, 16%
HSV	310°, 99%, 33%
XYZ	4.6836, 2.3029, 5.9920
YIQ	33.3840, 26.7230, 38.8430

# Conversions

## Conversions Part 2

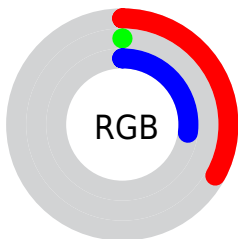
<b>Format</b>	<b>Color</b>
<b>RYB</b>	<b>83, 1, 70</b>
Decimal	5439814
CIELab	17.00, 41.06, -19.17
CIELCh	17, 45.312, 334.968
Yxy	2.3029, 0.3609, 0.1774
Android (android.graphics.Color)	4283629894 (0xFF530146)
YUV	33.3840, 18.0517, 43.5132
Hunter-Lab	15.1753, 28.5344, -12.7880

# Details

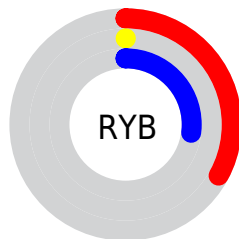
The Hex color **530146** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **01530E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **873A77**, and **24001B** is the 20% darker color. If you saturate the color by 10%, you get **530046**, and if you desaturate by 10%, it is **530947**.

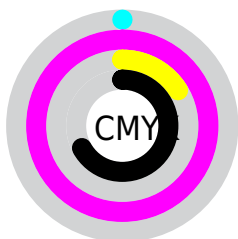
# Distribution



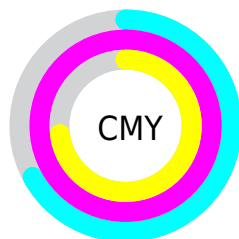
- Red (33%)
- Green (0%)
- Blue (27%)



- Red (33%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (99%)
- Yellow (16%)
- Black (67%)



- Cyan (67%)
- Magenta (100%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 530146 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 530146 by changing the saturation by 10% instead.



 530146

 530146

 FFF7FF

 3A002F

 873A77

 24001B

 A35390

 000000

 BF6DAB

 DB87C6

 F8A2E2

 FFBEFF

 FFDAFF

 530146

 530146

■ 530046

■ 530947

■ 531249

■ 531A4A

■ 53224B

■ 532A4D

■ 53334E

■ 533B4F

■ 534351

■ 534C52

# Harmonies

## Analogous

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



2C1E60



530146



600026

# Triad

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



530146



302B00



00374F

# Complementary

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



530146



01530E

# 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.



00372F



530146



0B3200

# Square

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



530146



4A1D00



00350B



003465

# Rectangle

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



530146



5E0011



00350B



003745



# Sweetspot

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



530146



6B4B66



0D0153



362232



B5B5B5



363636



# Same Dimension

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



530146



6B005A



53011E



292528



690058



E800C3



# Inverse Universe

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



530146



6B005A



015336



292528



690058

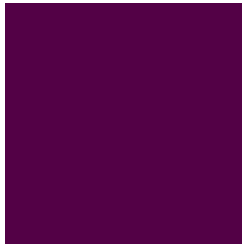


E800C3



# Previews

## White Background



This preview shows how the Hex color 530146 looks on a white background.

## Color Contrast Check

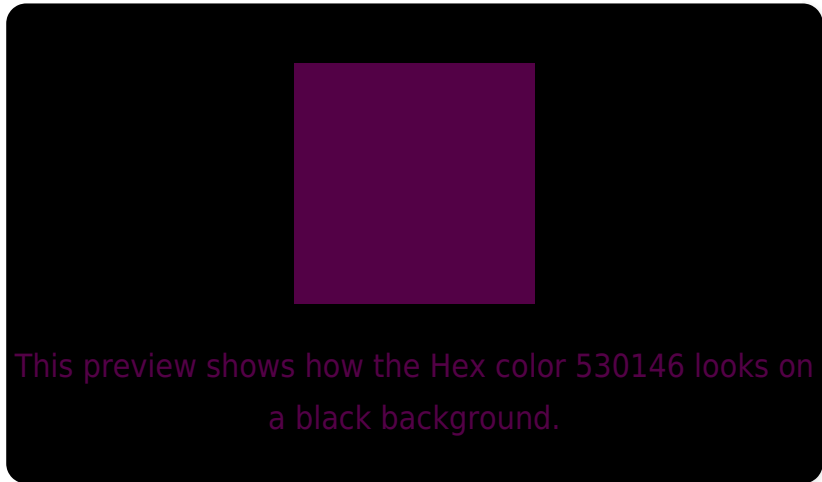
Large Text (above 18pt) WCAG AA ✓ Pass

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

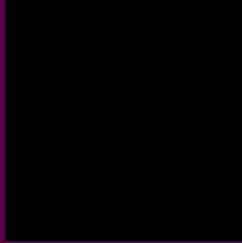
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 530146 Background



This preview shows how black text looks on a background with the Hex color 530146.



This preview shows how white text looks on a background with the Hex color 530146.

# 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**  
530146

**Protanopia**  
002C5E

**Deuteranopia**  
262D42



**Tritanopia**  
4F1C1D

# Trichromacy



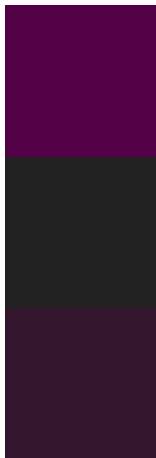
**Original Color**  
530146

**Protanomaly**  
1E1C55

**Deuteranomaly**  
361D43

**Tritanomaly**  
50122C

# Monochromacy



**Original Color**  
530146

**Achromatopsia**  
212121

**Achromatomaly**  
33152E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 530146 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 #530146 looks like.

```
.text, #text, p{  
    color:#530146  
}
```

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 #530146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530146
}
```

## Border

The CSS property to change the border of an element to Hex 530146 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".

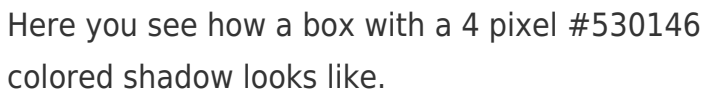
```
.border, #border, table{ border:4px solid
#530146 }
```

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

```
.border{ border-color:#530146 }
```

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

Here you see how a box with a 4 pixel #530146 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530146; -webkit-box-shadow:4px 4px  
4px 4px #530146; box-shadow:4px 4px 4px  
4px #530146 }
```

# Background

The CSS property to change the background color of an element to Hex 530146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530146 }
```

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

```
.background{ background-color:#530146 }
```

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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