

# Converting Colors

Hex(570081)

Have a look what the booklet for  
Hex(570081) contains.

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**Color**

**Hex(570081)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	570081
RGB	87, 0, 129
RGB Percent	34%, 0%, 51%
CMY	0.6588, 1.0000, 0.4941
CMYK	0.33, 1.00, 0.00, 0.49
HSL	280°, 100%, 25%
HSV	280°, 100%, 51%
XYZ	7.8929, 3.6112, 21.0499
YIQ	40.7190, 10.4430, 58.5630

# Conversions

## Conversions Part 2

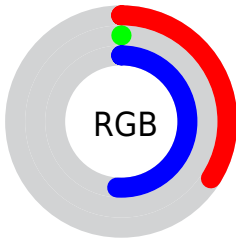
Format	Color
R <sub>Y</sub> B	87, 0, 129
Decimal	5701761
CIE Lab	22.34, 52.87, -49.54
CIE LCh	22, 72.454, 316.865
Yxy	3.6112, 0.2425, 0.1109
Android (android.graphics.Color)	4283891841 (0xFF570081)
YUV	40.7190, 43.5225, 40.5884
Hunter-Lab	19.0032, 40.8839, -52.3735

# Details

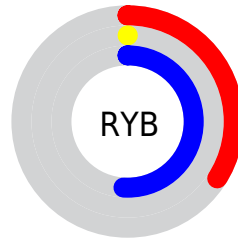
The Hex color **570081** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2A8100**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8E3FB7**, and **22004F** is the 20% darker color. If you saturate the color by 10%, you get **570081**, and if you desaturate by 10%, it is **5B0D81**.

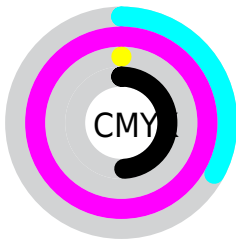
# Distribution



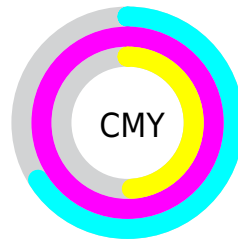
- Red (34%)
- Green (0%)
- Blue (51%)



- Red (34%)
- Yellow (0%)
- Blue (51%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (66%)
- Magenta (100%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 570081 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 570081 by changing the saturation by 10% instead.



■ 570081

■ 570081

FFFFFF

■ 3C0067

■ 8E3FB7

■ 22004F

■ AA59D3

■ 000037

■ C674F0

■ 000220

■ E48FFF

■ 000005

■ FFAAFF

■ 000000

■ FFC6FF

■ FFE3FF

■ 570081

 5B0D81

 5F1A81

 642781

 683481

 6C4181

 704D81

 745A81

 796781

 7D7481

# Harmonies

## Analogous

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



0034A0



570081



84004F

# Triad

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



570081



562A00



004854

# Complementary

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



570081



2A8100

# 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.



00471A



570081



253C00

# Square

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



570081



780000



004400



004985

# Rectangle

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



570081



8C002C



004400



004841



# Sweetspot

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



570081



9876A8



002B81



4A3654



D4D4D4



545454



# Same Dimension

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



570081



7200A8



81006B



3E3940



560080



000000



# Inverse Universe

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



81002A



A80037



008115



40393B



80002A

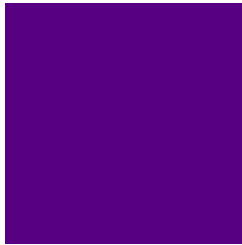


000000



# Previews

## White Background



This preview shows how the Hex color 570081 looks on a white background.

## Color Contrast Check

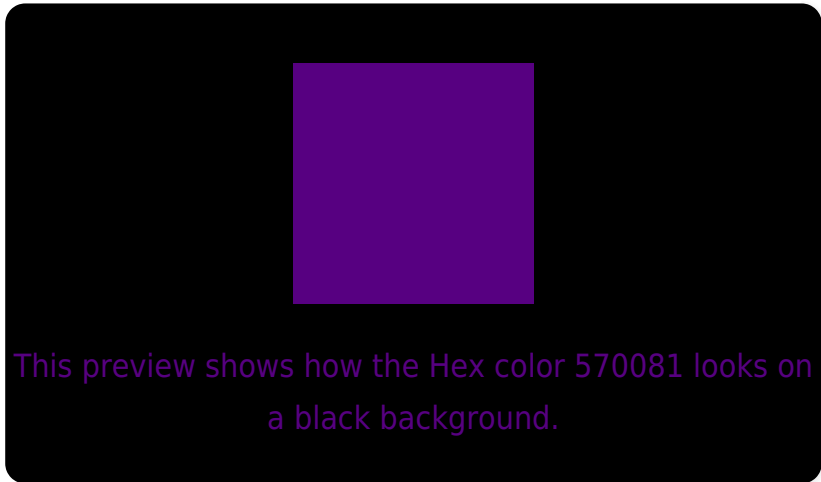
Large Text (above 18pt) WCAG AA ✓ Pass

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

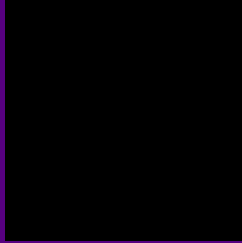
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 570081 Background



This preview shows how black text looks on a background with the Hex color 570081.



This preview shows how white text looks on a background with the Hex color 570081.

# 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](#).

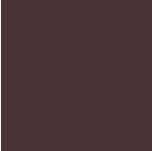
## Dichromacy



**Original Color**  
570081

**Protanopia**  
003774

**Deuteranopia**  
003A64



**Tritanopia**  
4A3236

# Trichromacy



**Original Color**  
570081

**Protanomaly**  
202379

**Deuteranomaly**  
20256F

**Tritanomaly**  
4F2051

# Monochromacy



**Original Color**  
570081

**Achromatopsia**  
292929

**Achromatomaly**  
3A1A49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 570081 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 #570081 looks like.

```
.text, #text, p{  
  color:#570081  
}
```

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 #570081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570081
}
```

## Border

The CSS property to change the border of an element to Hex 570081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

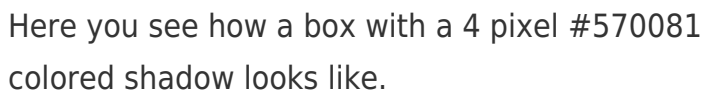
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#570081 }
```

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

```
.border{ border-color:#570081 }
```

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



Here you see how a box with a 4 pixel #570081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570081; -webkit-box-shadow:4px 4px  
4px 4px #570081; box-shadow:4px 4px 4px  
4px #570081 }
```

# Background

The CSS property to change the background color of an element to Hex 570081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570081 }
```

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

```
.background{ background-color:#570081 }
```

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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