

# Converting Colors

Hex(570091)

Have a look what the booklet for  
Hex(570091) contains.

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**Color**

**Hex(570091)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	570091
RGB	87, 0, 145
RGB Percent	34%, 0%, 57%
CMY	0.6588, 1.0000, 0.4314
CMYK	0.40, 1.00, 0.00, 0.43
HSL	276°, 100%, 28%
HSV	276°, 100%, 57%
XYZ	9.0413, 4.0706, 27.0972
YIQ	42.5430, 5.3070, 63.5390

# Conversions

## Conversions Part 2

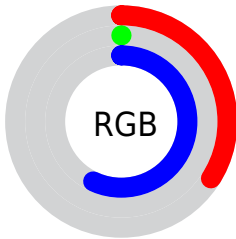
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 0, 145
Decimal	5701777
CIE <sub>Lab</sub>	23.90, 56.25, -57.00
CIE <sub>LCh</sub>	24, 80.082, 314.618
Yxy	4.0706, 0.2249, 0.1012
Android (android.graphics.Color)	4283891857 (0xFF570091)
YUV	42.5430, 50.5113, 38.9888
Hunter-Lab	20.1757, 44.6838, -65.5074

# Details

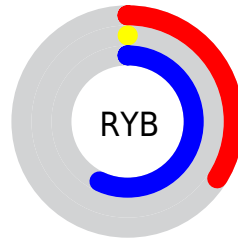
The Hex color **570091** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3A9100**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8F41C8**, and **1D005D** is the 20% darker color. If you saturate the color by 10%, you get **570091**, and if you desaturate by 10%, it is **5D0E91**.

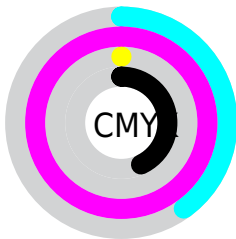
# Distribution



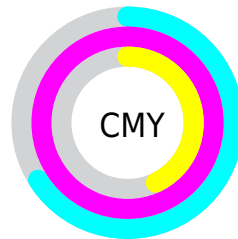
- Red (34%)
- Green (0%)
- Blue (57%)



- Red (34%)
- Yellow (0%)
- Blue (57%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (43%)



- Cyan (66%)
- Magenta (100%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 570091 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 570091 by changing the saturation by 10% instead.



■ 570091

■ 570091

FFFFFF

■ 3B0077

■ 8F41C8

■ 1D005D

■ AC5BE4

■ 000045

■ C976FF

■ 00032D

■ E691FF

■ 000118

■ FFADFF

■ 000000

■ FFC9FF

■ FFE6FF

■ 570091

 5D0E91

 631D91

 682C91

 6E3A91

 744991

 7A5791

 806691

 857491

 8B8391

# Harmonies

## Analogous

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



003AB2



570091



8E005A

# Triad

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



570091



5F2A00



004D56

# Complementary

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



570091



3A9100

# 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.



004B15



570091



2A4000

# Square

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



570091



850000



004800



004E8F

# Rectangle

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



570091



980033



004800



004D41



# Sweetspot

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



570091



A684BD



003A91



513C5E



DEDEDE



5E5E5E



# Same Dimension

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



570091



7100BD



910083



454047



510087



050008



# Inverse Universe

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



91003A



BD004B



00910E



474043



870036



080003



# Previews

## White Background



This preview shows how the Hex color 570091 looks on a white background.

## Color Contrast Check

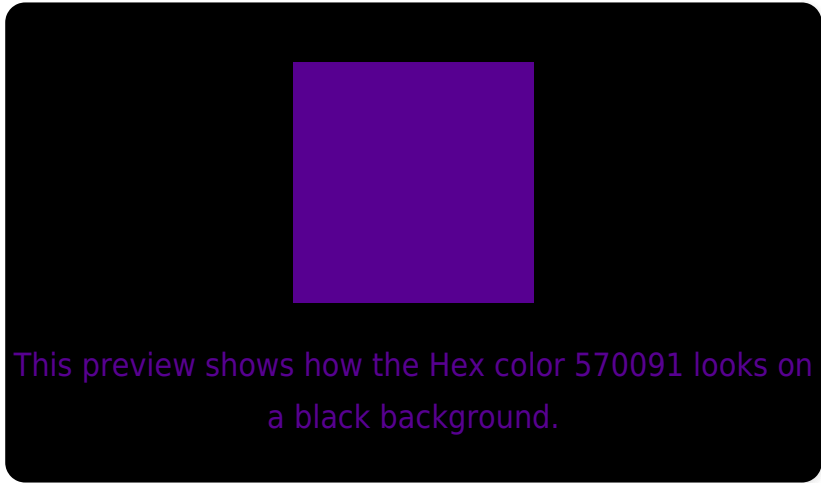
Large Text (above 18pt) WCAG AA ✓ Pass

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

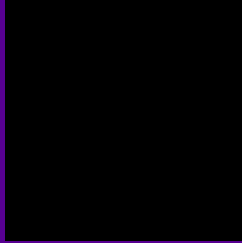
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 570091 Background



This preview shows how black text looks on a background with the Hex color 570091.



This preview shows how white text looks on a background with the Hex color 570091.

# 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](#).

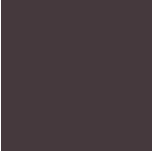
## Dichromacy



**Original Color**  
570091

**Protanopia**  
003A7A

**Deuteranopia**  
003E69



**Tritanopia**  
45393D

# Trichromacy



**Original Color**  
570091

**Protanomaly**  
202582

**Deuteranomaly**  
202778

**Tritanomaly**  
4C245C

# Monochromacy



**Original Color**  
570091

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
3B1B50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 570091 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 #570091 looks like.

```
.text, #text, p{  
    color:#570091  
}
```

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 #570091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570091
}
```

## Border

The CSS property to change the border of an element to Hex 570091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

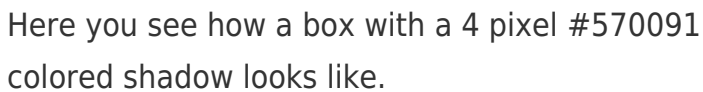
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#570091 }
```

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

```
.border{ border-color:#570091 }
```

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



Here you see how a box with a 4 pixel #570091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570091; -webkit-box-shadow:4px 4px  
4px 4px #570091; box-shadow:4px 4px 4px  
4px #570091 }
```

# Background

The CSS property to change the background color of an element to Hex 570091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570091 }
```

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

```
.background{ background-color:#570091 }
```

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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