

Converting Colors

Hex(570393)

Have a look what the booklet for
Hex(570393) contains.

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Color

Hex(570393)

Conversions

Conversions Part 1

Format	Color
Hex	570393
RGB	87, 3, 147
RGB Percent	34%, 1%, 58%
CMY	0.6588, 0.9882, 0.4235
CMYK	0.41, 0.98, 0.00, 0.42
HSL	275°, 96%, 29%
HSV	275°, 98%, 58%
XYZ	9.2295, 4.1979, 27.9276
YIQ	44.5320, 3.8400, 62.5920

Conversions

Conversions Part 2

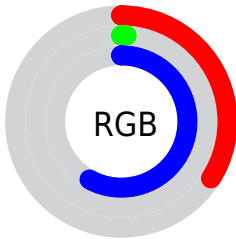
Format	Color
R_{YB}	87, 3, 147
Decimal	5702547
CIE _{Lab}	24.32, 56.04, -57.56
CIE _{LCh}	24, 80.341, 314.234
Yxy	4.1979, 0.2232, 0.1015
Android (android.graphics.Color)	4283892627 (0xFF570393)
YUV	44.5320, 50.5167, 37.2444
Hunter-Lab	20.4889, 44.5522, -66.4736

Details

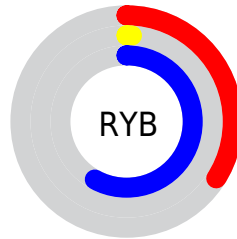
The Hex color **570393** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3F9303**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8F42CA**, and **1C005F** is the 20% darker color. If you saturate the color by 10%, you get **560093**, and if you desaturate by 10%, it is **5D1293**.

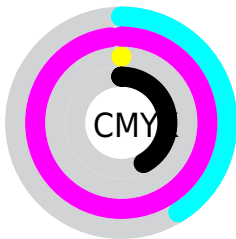
Distribution



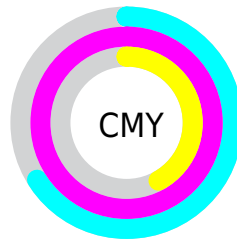
- Red (34%)
- Green (1%)
- Blue (58%)



- Red (34%)
- Yellow (1%)
- Blue (58%)



- Cyan (41%)
- Magenta (98%)
- Yellow (0%)
- Black (42%)



- Cyan (66%)
- Magenta (99%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 570393 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 570393 by changing the saturation by 10% instead.

■ 570393

■ 570393

FFFFFF

■ 3B0079

■ 8F42CA

■ 1C005F

■ AC5DE7

■ 000046

■ C977FF

■ 00042F

■ E692FF

■ 000119

■ FFAEFF

■ 000000

■ FFCAFF

■ FFE7FF

■ 570393

■ 570393

■ 560093

■ 5D1293

■ 632093

■ 692F93

■ 6F3E93

■ 764C93

■ 7C5B93

■ 826A93

■ 887993

■ 8E8793

Harmonies

Analogous

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



003BB4



570393



8F005C

Triad

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



570393



612A00



004E56

Complementary

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



570393



3F9303

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.



004C15



570393



2C4000

Square

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



570393



870000



004900



004F90

Rectangle

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



570393



9A0035



004900



004E41

Sweetspot

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



570393



A888BF



033F93



533F61



E0E0E0



616161

Same Dimension

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



570393



7000BF



930387



47434A



50008A



06000A

Inverse Universe

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



93033F



BF0050



03930F



4A4346



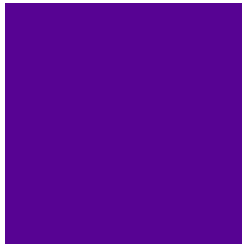
8A0039



0A0004

Previews

White Background



This preview shows how the Hex color 570393 looks on a white background.

Color Contrast Check

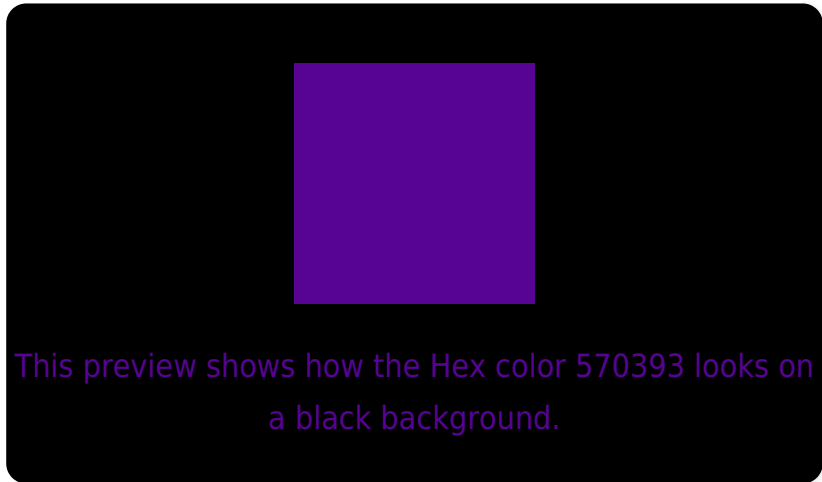
Large Text (above 18pt) WCAG AA ✓ Pass

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

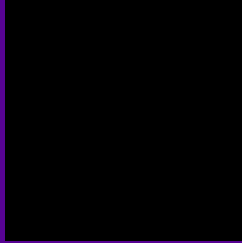
Any Text WCAG AA × Fail

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 570393 Background



This preview shows how black text looks on a background with the Hex color 570393.

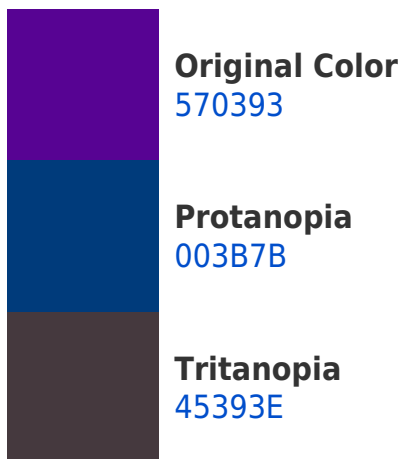


This preview shows how white text looks on a background with the Hex color 570393.

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



Trichromacy

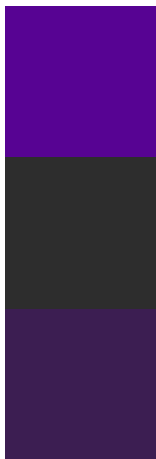


Original Color
570393

Protanomaly
202784

Tritanomaly
4C255D

Monochromacy



Original Color
570393

Achromatopsia
2D2D2D

Achromatomaly
3C1E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 570393 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 #570393 looks like.

```
.text, #text, p{  
    color:#570393  
}
```

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 #570393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #570393
}
```

Border

The CSS property to change the border of an element to Hex 570393 is called "border". The border property can be set on classes, ids or directly on the HTML element.

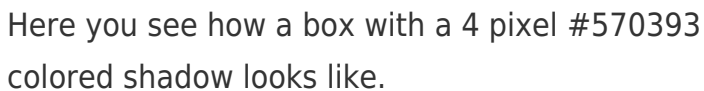
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#570393 }
```

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

```
.border{ border-color:#570393 }
```

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



Here you see how a box with a 4 pixel #570393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #570393; -webkit-box-shadow:4px 4px  
4px 4px #570393; box-shadow:4px 4px 4px  
4px #570393 }
```

Background

The CSS property to change the background color of an element to Hex 570393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#570393 }
```

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

```
.background{ background-color:#570393 }
```

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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