

Converting Colors

Hex(590773)

Have a look what the booklet for
Hex(590773) contains.

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Color

Hex(590773)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 590773 |
| RGB | 89, 7, 115 |
| RGB Percent | 35%, 3%, 45% |
| CMY | 0.6510, 0.9725, 0.5490 |
| CMYK | 0.23, 0.94, 0.00, 0.55 |
| HSL | 286°, 89%, 24% |
| HSV | 286°, 94%, 45% |
| XYZ | 7.2903, 3.5136, 16.5136 |
| YIQ | 43.8300, 14.2040, 50.9720 |

Conversions

Conversions Part 2

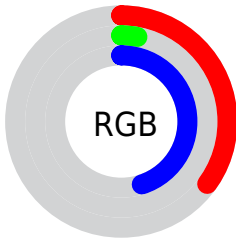
| Format | Color |
|-------------------------------------|--|
| RYB | 89, 7, 115 |
| Decimal | 5834611 |
| CIELab | 21.99, 48.68, -41.15 |
| CIELCh | 22, 63.740, 319.789 |
| Yxy | 3.5136, 0.2669, 0.1286 |
| Android (android.graphics.Color) | 4284024691 (0xFF590773) |
| YUV | 43.8300, 35.0868, 39.6141 |
| Hunter-Lab | 18.7446, 36.6206, -39.1120 |

Details

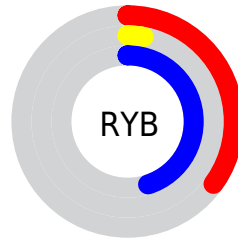
The Hex color **590773** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **217307**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8F42A8**, and **270042** is the 20% darker color. If you saturate the color by 10%, you get **570073**, and if you desaturate by 10%, it is **5C1273**.

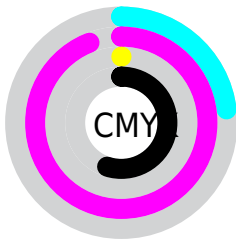
Distribution



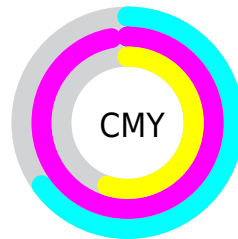
- Red (35%)
- Green (3%)
- Blue (45%)



- Red (35%)
- Yellow (3%)
- Blue (45%)



- Cyan (23%)
- Magenta (94%)
- Yellow (0%)
- Black (55%)



- Cyan (65%)
- Magenta (97%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 590773 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 590773 by changing the saturation by 10% instead.

 590773

 590773

FFFFFF

 3F005A

 8F42A8

 270042

 AA5CC3

 00002B

 C776DF

 000115

 E491FC

 000000

 FFACFF

 FFC8FF

 FFE5FF

 590773

 590773

■ 570073

■ 5C1273

■ 5F1E73

■ 612973

■ 643573

■ 674073

■ 6A4C73

■ 6C5873

■ 6F6373

■ 726F73

Harmonies

Analogous

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



003190



590773



7C0047

Triad

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



590773



4F2D00



004654

Complementary

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



590773



217307

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.



004522



590773



233C00

Square

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



590773



6F0800



004200



00467E

Rectangle

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



590773



820028



004200



004644

Sweetspot

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



590773



8C6C96



072273



46324D



CCCCCC



4D4D4D

Same Dimension

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



590773



720096



730758



39353B



5D007A



BE00FA

Inverse Universe

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



730721



960024



077322



3B3536



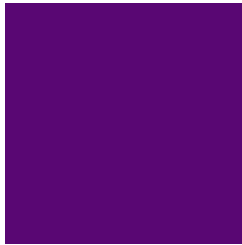
7A001D



FA003C

Previews

White Background



This preview shows how the Hex color 590773 looks on a white background.

Color Contrast Check

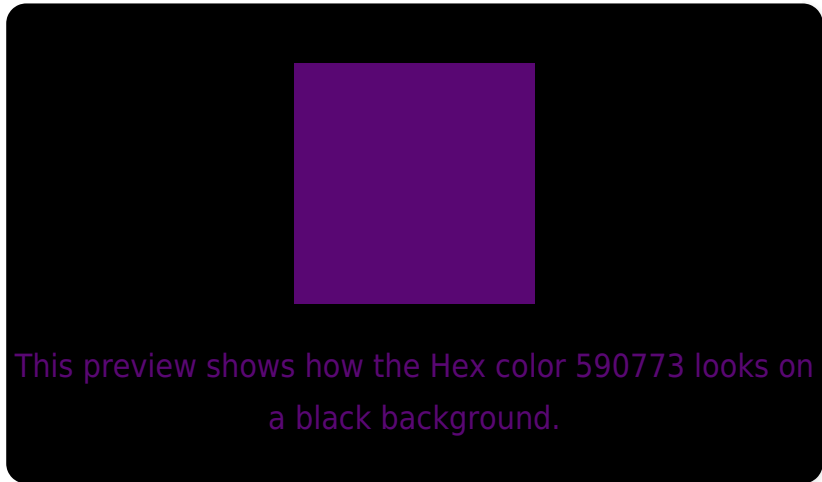
Large Text (above 18pt) WCAG AA ✓ Pass

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

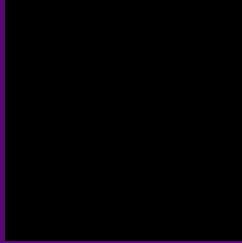
Any Text WCAG AA × Fail

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 590773 Background



This preview shows how black text looks on a background with the Hex color 590773.



This preview shows how white text looks on a background with the Hex color 590773.

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
590773

Protanopia
003571

Deuteranopia
003962



Tritanopia
4F2D31

Trichromacy



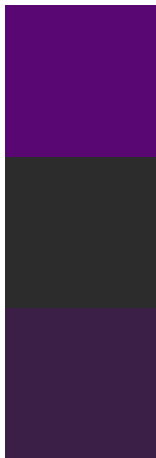
Original Color
590773

Protanomaly
202472

Deuteranomaly
202768

Tritanomaly
531F49

Monochromacy



Original Color
590773

Achromatopsia
2C2C2C

Achromatomaly
3C1F46

CSS Examples

Text

The CSS property to change the color of the text to Hex 590773 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 #590773 looks like.

```
.text, #text, p{  
    color:#590773  
}
```

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 #590773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #590773
}
```

Border

The CSS property to change the border of an element to Hex 590773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

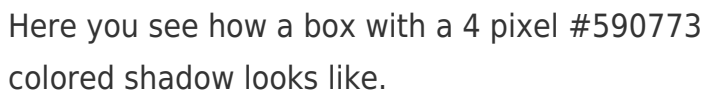
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#590773 }
```

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

```
.border{ border-color:#590773 }
```

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



Here you see how a box with a 4 pixel #590773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #590773; -webkit-box-shadow:4px 4px  
4px 4px #590773; box-shadow:4px 4px 4px  
4px #590773 }
```

Background

The CSS property to change the background color of an element to Hex 590773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#590773 }
```

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

```
.background{ background-color:#590773 }
```

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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