

# Converting Colors

Hex(590B6A)

Have a look what the booklet for  
Hex(590B6A) contains.

<b>Hex(590B6A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(590B6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	590B6A
RGB	89, 11, 106
RGB Percent	35%, 4%, 42%
CMY	0.6510, 0.9569, 0.5843
CMYK	0.16, 0.90, 0.00, 0.58
HSL	289°, 81%, 23%
HSV	289°, 90%, 42%
XYZ	6.8410, 3.4038, 13.9321
YIQ	45.1520, 15.9930, 46.0810

# Conversions

## Conversions Part 2

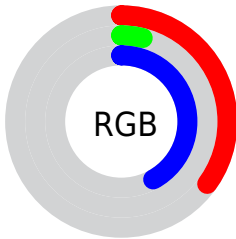
Format	Color
<a href="#">RYB</a>	<a href="#">89, 11, 106</a>
Decimal	<a href="#">5835626</a>
CIELab	<a href="#">21.59, 45.94, -35.97</a>
CIElCh	<a href="#">22, 58.347, 321.945</a>
Yxy	<a href="#">3.4038, 0.2830, 0.1408</a>
Android (android.graphics.Color)	<a href="#">4284025706 (0xFF590B6A)</a>
YUV	<a href="#">45.1520, 29.9981, 38.4547</a>
Hunter-Lab	<a href="#">18.4494, 33.9012, -31.8584</a>




# Details

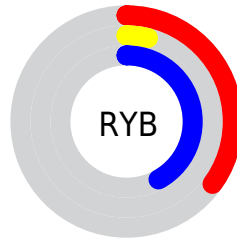
The Hex color **590B6A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1C6A0B**, and the grayscale version is **2D2D2D**.




A 20% lighter version of the original color is **8E439E**, and **29003A** is the 20% darker color. If you saturate the color by 10%, you get **57006A**, and if you desaturate by 10%, it is **5B166A**.

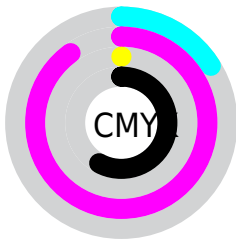
# Distribution







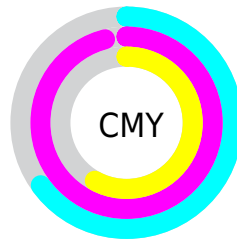
-  Red (35%)
-  Green (4%)
-  Blue (42%)






-  Red (35%)
-  Yellow (4%)
-  Blue (42%)



-  Cyan (16%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (65%)
-  Magenta (96%)
-  Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 590B6A 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 590B6A by changing the saturation by 10% instead.





590B6A



590B6A

FFFFFF



3F0051



8E439E



29003A



AA5DB9



000023



C677D5



00000A



E391F2



000000



FFADFF



FFC9FF



FFE5FF



590B6A



590B6A

■ 57006A

■ 5B166A

■ 5D206A

■ 5F2B6A

■ 61356A

■ 62406A

■ 644B6A

■ 66556A

■ 68606A

■ 6A6A6A

# Harmonies

## Analogous

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



002E86



590B6A



770041

# Triad

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



590B6A



4A2E00



004453

# Complementary

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



590B6A



1C6A0B

# 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.



004326



590B6A



223B00

# Square

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



590B6A



681300



004100



004378

# Rectangle

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



590B6A



7B0025



004100



004445



# Sweetspot

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



590B6A



83658A



0B1C6A



412F45



C4C4C4



454545



# Same Dimension

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



590B6A



71008A



6A0B4C



353036



600075



C900F5



# Inverse Universe

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



6A0B1C



8A0019



0B6A29



363031



750015

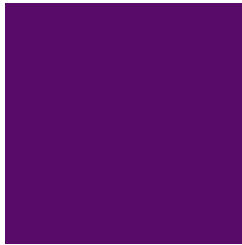


F5002C



# Previews

## White Background



This preview shows how the Hex color 590B6A looks on a white background.

## Color Contrast Check

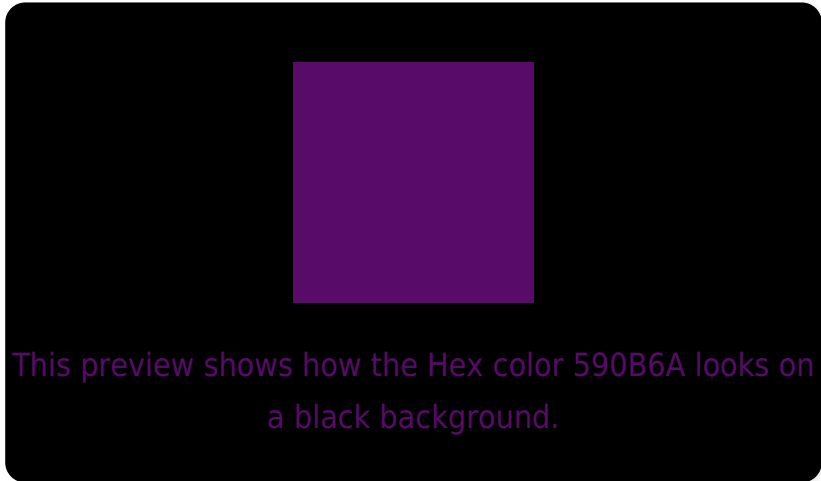
Large Text (above 18pt) WCAG AA ✓ Pass

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

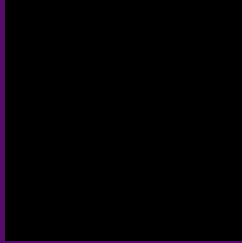
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 590B6A Background



This preview shows how black text looks on a background with the Hex color 590B6A.



This preview shows how white text looks on a background with the Hex color 590B6A.

# 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**  
590B6A

**Protanopia**  
00346E

**Deuteranopia**  
003761



# Trichromacy



**Original Color**  
590B6A

**Protanomaly**  
20256D

**Deuteranomaly**  
202764

**Tritanomaly**  
541F43

# Monochromacy



**Original Color**  
590B6A

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
3D2143

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 590B6A 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 #590B6A looks like.

```
.text, #text, p{  
    color:#590B6A  
}
```

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 #590B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #590B6A
}
```

## Border

The CSS property to change the border of an element to Hex 590B6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

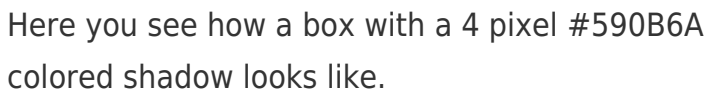
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#590B6A }
```

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

```
.border{ border-color:#590B6A }
```

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



Here you see how a box with a 4 pixel #590B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #590B6A; -webkit-box-shadow:4px 4px  
4px 4px #590B6A; box-shadow:4px 4px 4px  
4px #590B6A }
```

# Background

The CSS property to change the background color of an element to Hex 590B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#590B6A }
```

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

```
.background{ background-color:#590B6A }
```

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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