

# Converting Colors

Hex(593B5E)

Have a look what the booklet for  
Hex(593B5E) contains.

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# Color

Hex(593B5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	593B5E
RGB	89, 59, 94
RGB Percent	35%, 23%, 37%
CMY	0.6510, 0.7686, 0.6314
CMYK	0.05, 0.37, 0.00, 0.63
HSL	291°, 23%, 30%
HSV	291°, 37%, 37%
XYZ	7.7042, 6.0599, 11.3533
YIQ	71.9600, 6.6450, 17.2450

# Conversions

## Conversions Part 2

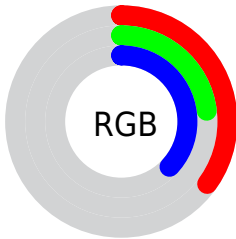
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	89, 59, 94
Decimal	5847902
CIE <sub>Lab</sub>	29.56, 19.99, -15.58
CIE <sub>LCh</sub>	30, 25.347, 322.078
Yxy	6.0599, 0.3067, 0.2413
Android (android.graphics.Color)	4284037982 (0xFF593B5E)
<b>YUV</b>	71.9600, 10.8657, 14.9441
Hunter-Lab	24.6169, 12.7842, -10.1127

# Details

The Hex color **593B5E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **405E3B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8C6B90**, and **2A1030** is the 20% darker color. If you saturate the color by 10%, you get **58325E**, and if you desaturate by 10%, it is **5A445E**.

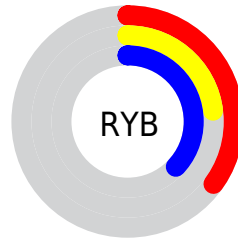
# Distribution



 Red (35%)

 Green (23%)

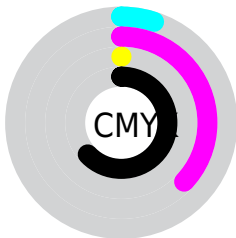
 Blue (37%)



 Red (35%)

 Yellow (23%)

 Blue (37%)

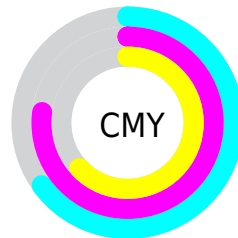


 Cyan (5%)

 Magenta (37%)

 Yellow (0%)

 Black (63%)



 Cyan (65%)

 Magenta (77%)

 Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 593B5E 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 593B5E by changing the saturation by 10% instead.





593B5E



593B5E

FFFFFF



412546



8C6B90



2A1030



A684AB



18001B



C29EC6



000000



DEBAE2



FAD5FF



FFF2FF



593B5E



593B5E



58325E



5A445E

■ 56285E

■ 5C4E5E

■ 551F5E

■ 5D575E

■ 54155E

■ 5E615E

■ 520C5E

■ 606A5E

■ 51035E

■ 61735E

■ 51005E

■ 627D5E

■ 64865E

■ 65905E

# Harmonies

## Analogous

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



3F436A



593B5E



68364C

# Triad

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



593B5E



56431E



005054

# Complementary

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



593B5E



405E3B

# 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.



074F40



593B5E



434920

# Square

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



593B5E



643C27



2C4D2D



004E64

# Rectangle

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



593B5E



6B353E



2C4D2D



00504D



# Sweetspot

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



593B5E



786D7A



3B405E



3C353D



BDBDBD



3D3D3D



# Same Dimension

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



593B5E



73437A



5E3B52



2D292E



5E006E



CB00ED



# Inverse Universe

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



5E3B40



7A434B



3B5E47



2E292A



6E0010



ED0022



# Previews

## White Background



This preview shows how the Hex color 593B5E looks on a white background.

## Color Contrast Check

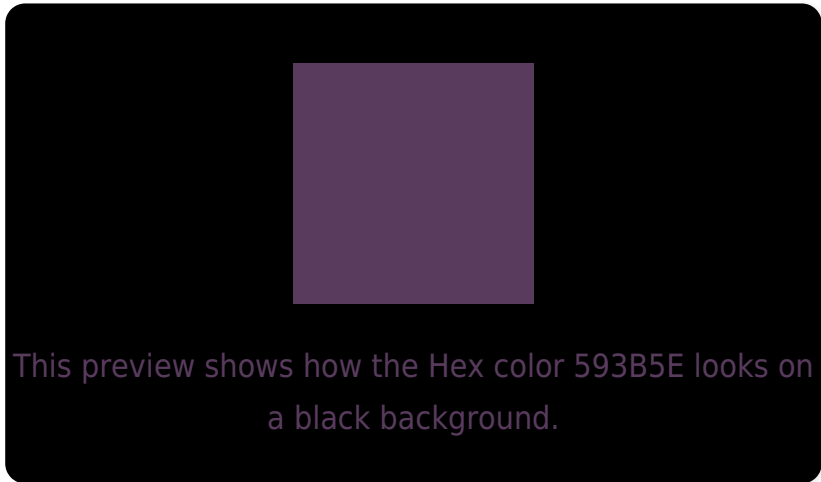
Large Text (above 18pt) WCAG AA ✓ Pass

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

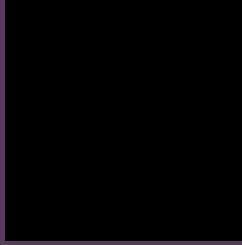
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 593B5E Background



This preview shows how black text looks on a background with the Hex color 593B5E.



This preview shows how white text looks on a background with the Hex color 593B5E.

# 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**  
593B5E

**Protanopia**  
3B4566

**Deuteranopia**  
41455C



**Tritanopia**  
564045

# Trichromacy



**Original Color**  
593B5E

**Protanomaly**  
464163

**Deuteranomaly**  
4A415D

**Tritanomaly**  
573E4E

# Monochromacy



**Original Color**  
593B5E

**Achromatopsia**  
484848

**Achromatomaly**  
4E4350

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 593B5E 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 #593B5E looks like.

```
.text, #text, p{  
    color:#593B5E  
}
```

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 #593B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593B5E
}
```

## Border

The CSS property to change the border of an element to Hex 593B5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

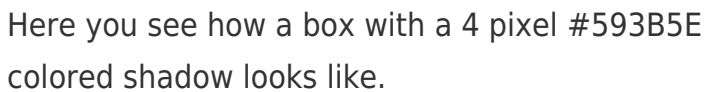
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#593B5E }
```

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

```
.border{ border-color:#593B5E }
```

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



Here you see how a box with a 4 pixel #593B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593B5E; -webkit-box-shadow:4px 4px  
4px 4px #593B5E; box-shadow:4px 4px 4px  
4px #593B5E }
```

# Background

The CSS property to change the background color of an element to Hex 593B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593B5E }
```

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

```
.background{ background-color:#593B5E }
```

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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