

# Converting Colors

Hex(593B83)

Have a look what the booklet for  
Hex(593B83) contains.

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# Color

Hex(593B83)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	593B83
RGB	89, 59, 131
RGB Percent	35%, 23%, 51%
CMY	0.6510, 0.7686, 0.4863
CMYK	0.32, 0.55, 0.00, 0.49
HSL	265°, 38%, 37%
HSV	265°, 55%, 51%
XYZ	9.7805, 6.8905, 22.2872
YIQ	76.1780, -5.2320, 28.7520

# Conversions

## Conversions Part 2

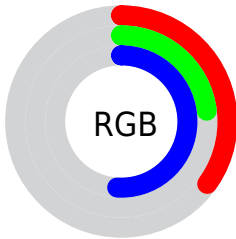
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 59, 131
Decimal	5847939
CIE <sub>Lab</sub>	31.56, 29.32, -35.87
CIE <sub>LCh</sub>	32, 46.331, 309.258
Yxy	6.8905, 0.2511, 0.1769
Android (android.graphics.Color)	4284038019 (0xFF593B83)
YUV	76.1780, 27.0272, 11.2449
Hunter-Lab	26.2497, 20.5713, -31.9652

# Details

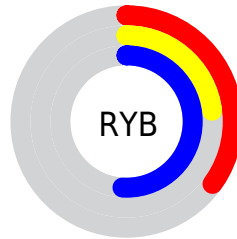
The Hex color **593B83** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **65833B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8D6BB9**, and **270E51** is the 20% darker color. If you saturate the color by 10%, you get **512E83**, and if you desaturate by 10%, it is **614883**.

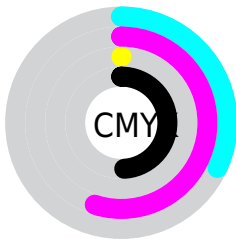
# Distribution



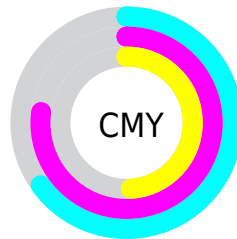
- Red (35%)
- Green (23%)
- Blue (51%)



- Red (35%)
- Yellow (23%)
- Blue (51%)



- Cyan (32%)
- Magenta (55%)
- Yellow (0%)
- Black (49%)



- Cyan (65%)
- Magenta (77%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 593B83 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 593B83 by changing the saturation by 10% instead.



■ 593B83

■ 593B83

FFFFFF

■ 402469

■ 8D6BB9

■ 270E51

■ A985D4

■ 12003A

■ C49FF1

■ 000223

■ E1BAFF

■ 00000A

■ FED6FF

■ 000000

■ FFF3FF

■ 593B83

■ 593B83

■ 512E83

■ 614883

■ 4A2183

■ 685583

■ 421483

■ 706283

■ 3A0783

■ 786F83

■ 370083

■ 7F7D83

■ 878A83

■ 8E9783

■ 96A483

■ 9EB183

# Harmonies

## Analogous

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



004B93



593B83



7D2965

# Triad

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



593B83



6F3F00



005B55

# Complementary

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



593B83



65833B

# 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.



00592F



593B83



504C00

# Square

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



593B83



832E1E



285508



005A78

# Rectangle

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



593B83



88214D



285508



005A48



# Sweetspot

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



593B83



9B90AB



3B6583



4D4657



D6D6D6



575757



# Same Dimension

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



593B83



693AAB



7D3B83



3E3C42



360082



010003



# Inverse Universe

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



833B65



AB3A7C



41833B



423C40



82004C

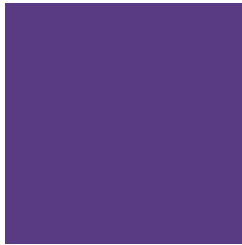


030001



# Previews

## White Background



This preview shows how the Hex color 593B83 looks on a white background.

## Color Contrast Check

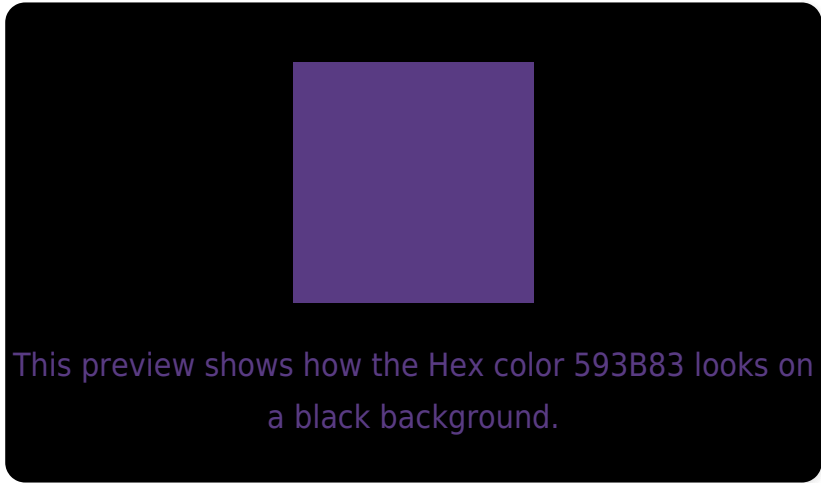
Large Text (above 18pt) WCAG AA ✓ Pass

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

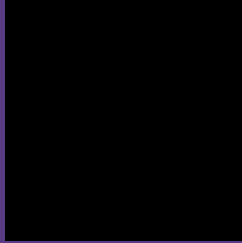
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 593B83 Background



This preview shows how black text looks on a background with the Hex color 593B83.




This preview shows how white text looks on a background with the Hex color 593B83.

# 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





**Tritanopia**  
4F494E

# Trichromacy



**Original Color**  
593B83

**Protanomaly**  
35438B

**Deuteranomaly**  
374581

**Tritanomaly**  
534461

# Monochromacy



**Original Color**  
593B83

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
514660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 593B83 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 #593B83 looks like.

```
.text, #text, p{  
    color:#593B83  
}
```

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 #593B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593B83
}
```

## Border

The CSS property to change the border of an element to Hex 593B83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

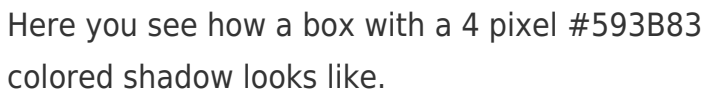
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#593B83 }
```

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

```
.border{ border-color:#593B83 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a thicker purple shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #593B83 colored shadow looks like."

Here you see how a box with a 4 pixel #593B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593B83; -webkit-box-shadow:4px 4px  
4px 4px #593B83; box-shadow:4px 4px 4px  
4px #593B83 }
```

# Background

The CSS property to change the background color of an element to Hex 593B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593B83 }
```

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

```
.background{ background-color:#593B83 }
```

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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