

Converting Colors

Hex(5B183C)

Have a look what the booklet for
Hex(5B183C) contains.

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Color

Hex(5B183C)

Conversions

Conversions Part 1

Format	Color
Hex	5B183C
RGB	91, 24, 60
RGB Percent	36%, 9%, 24%
CMY	0.6431, 0.9059, 0.7647
CMYK	0.00, 0.74, 0.34, 0.64
HSL	328°, 58%, 23%
HSV	328°, 74%, 36%
XYZ	5.4566, 3.2037, 4.6057
YIQ	48.1370, 28.3760, 25.4000

Conversions

Conversions Part 2

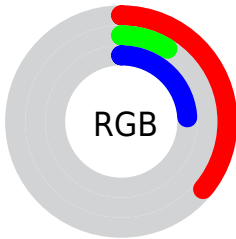
Format	Color
RYB	91, 24, 60
Decimal	5969980
CIELab	20.84, 34.08, -6.17
CIElCh	21, 34.638, 349.747
Yxy	3.2037, 0.4113, 0.2415
Android (android.graphics.Color)	4284160060 (0xFF5B183C)
YUV	48.1370, 5.8485, 37.5909
Hunter-Lab	17.8988, 23.0948, -2.7275

Details

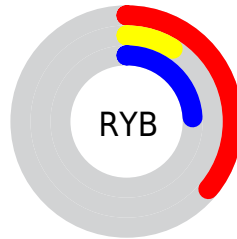
The Hex color **5B183C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **185B37**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **90496B**, and **2D0012** is the 20% darker color. If you saturate the color by 10%, you get **5B0F38**, and if you desaturate by 10%, it is **5B2140**.

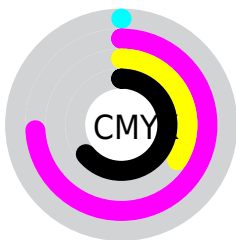
Distribution



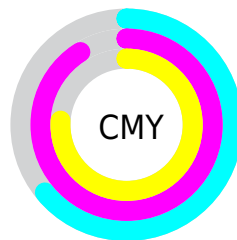
- Red (36%)
- Green (9%)
- Blue (24%)



- Red (36%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (74%)
- Yellow (34%)
- Black (64%)



- Cyan (64%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B183C 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 5B183C by changing the saturation by 10% instead.

 5B183C

 5B183C

FFFFFF

 420026

 90496B

 2D0012

 AB6284

 000000

 C77C9F

 E496BA

 FFB2D5

 FFCDF2

 FFEAFF

 5B183C

 5B183C

■ 5B0F38

■ 5B2140

■ 5B0634

■ 5B2A44

■ 5B0031

■ 5B3349

■ 5B3C4D

■ 5B4651

■ 5B4F55

■ 5B5859

■ 5B615E

■ 5B6A62

Harmonies

Analogous

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



482353



5B183C



5F1823

Triad

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



5B183C



2F3600



003C59

Complementary

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



5B183C



185B37

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.



003E43



5B183C



0A3B0E

Square

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



5B183C



462E00



003D28



003864

Rectangle

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



5B183C



5A1F13



003D28



003D52

Sweetspot

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



5B183C



755B69



36185B



3B2B34



BABABA



3B3B3B

Same Dimension

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



5B183C



750E46



5B181B



2E292C



6E003B



ED007F

Inverse Universe

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



5B183C



750E46



185B58



2E292C



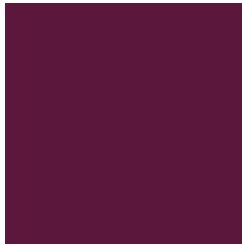
6E003B



ED007F

Previews

White Background



This preview shows how the Hex color 5B183C looks on a white background.

Color Contrast Check

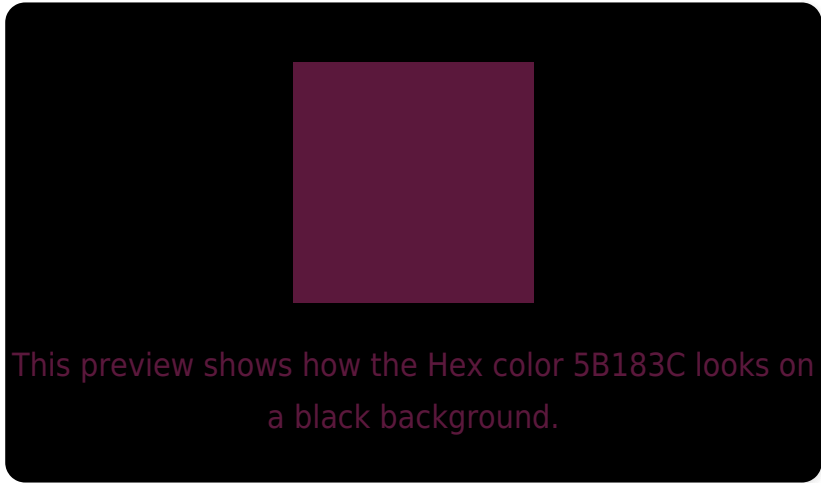
Large Text (above 18pt) WCAG AA ✓ Pass

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

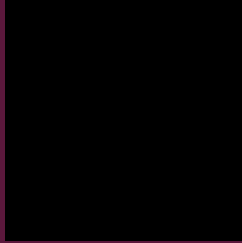
Any Text WCAG AA × Fail

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 5B183C Background



This preview shows how black text looks on a background with the Hex color 5B183C.



This preview shows how white text looks on a background with the Hex color 5B183C.

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
5B183C

Protanopia
2A334E

Deuteranopia
363239

Trichromacy



Original Color
5B183C

Protanomaly
3C2947

Deuteranomaly
43293A

Tritanomaly
5A1D2B

Monochromacy



Original Color
5B183C

Achromatopsia
303030

Achromatomaly
402734

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B183C 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 #5B183C looks like.

```
.text, #text, p{  
    color:#5B183C  
}
```

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 #5B183C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B183C
}
```

Border

The CSS property to change the border of an element to Hex 5B183C 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".

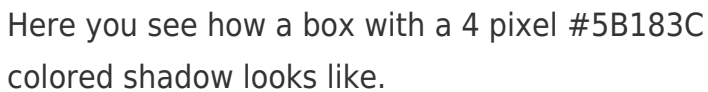
```
.border, #border, table{ border:4px solid
#5B183C }
```

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

```
.border{ border-color:#5B183C }
```

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

Here you see how a box with a 4 pixel #5B183C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B183C; -webkit-box-shadow:4px 4px  
4px 4px #5B183C; box-shadow:4px 4px 4px  
4px #5B183C }
```

Background

The CSS property to change the background color of an element to Hex 5B183C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B183C }
```

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

```
.background{ background-color:#5B183C }
```

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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