

Converting Colors

Hex(50173B)

Have a look what the booklet for
Hex(50173B) contains.

Hex(50173B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50173B)

Conversions

Conversions Part 1

Format	Color
Hex	50173B
RGB	80, 23, 59
RGB Percent	31%, 9%, 23%
CMY	0.6863, 0.9098, 0.7686
CMYK	0.00, 0.71, 0.26, 0.69
HSL	322°, 55%, 20%
HSV	322°, 71%, 31%
XYZ	4.4041, 2.6340, 4.4140
YIQ	44.1470, 22.4160, 23.2800

Conversions

Conversions Part 2

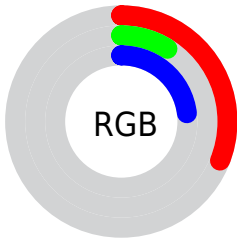
Format	Color
RYB	80, 23, 59
Decimal	5248827
CIELab	18.51, 30.82, -9.20
CIElCh	19, 32.162, 343.383
Yxy	2.6340, 0.3846, 0.2300
Android (android.graphics.Color)	4283438907 (0xFF50173B)
YUV	44.1470, 7.3225, 31.4431
Hunter-Lab	16.2297, 20.0356, -4.7642




Details

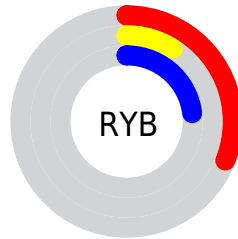
The Hex color **50173B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **17502C**, and the grayscale version is **2C2C2C**.




A 20% lighter version of the original color is **83476A**, and **230010** is the 20% darker color. If you saturate the color by 10%, you get **500F38**, and if you desaturate by 10%, it is **501F3E**.

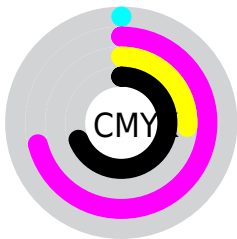
Distribution







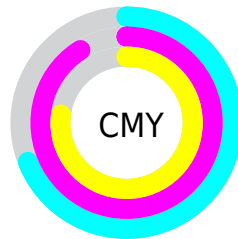
-  Red (31%)
-  Green (9%)
-  Blue (23%)






-  Red (31%)
-  Yellow (9%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (71%)
-  Yellow (26%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (91%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50173B 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 50173B by changing the saturation by 10% instead.

 50173B

 50173B

FFFFFF

 380025

 83476A

 230010

 9E5F83

 000000

 BA799E

 D693B8

 F3AED4

 FFCAF0

 FFE6FF

 50173B

 50173B

■ 500F38

■ 501F3E

■ 500735

■ 502741

■ 500033

■ 502F44

■ 503747

■ 503F4A

■ 50474D

■ 504F50

■ 505753

■ 505F56

Harmonies

Analogous

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



3B224F



50173B



561424

Triad

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



50173B



2F2F00



00374D

Complementary

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



50173B



17502C

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.



003837



50173B



133406

Square

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



50173B



432700



00371F



00335A

Rectangle

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



50173B



541915



00371F



003746

Sweetspot

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



50173B



695360



2C1750



362831



B5B5B5



363636

Same Dimension

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



50173B



690F47



50171F



292527



690042



E80093

Inverse Universe

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



50173B



690F47



175048



292527



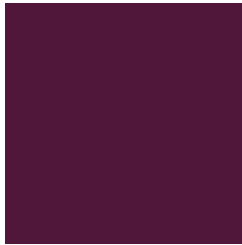
690042



E80093

Previews

White Background



This preview shows how the Hex color 50173B looks on a white background.

Color Contrast Check

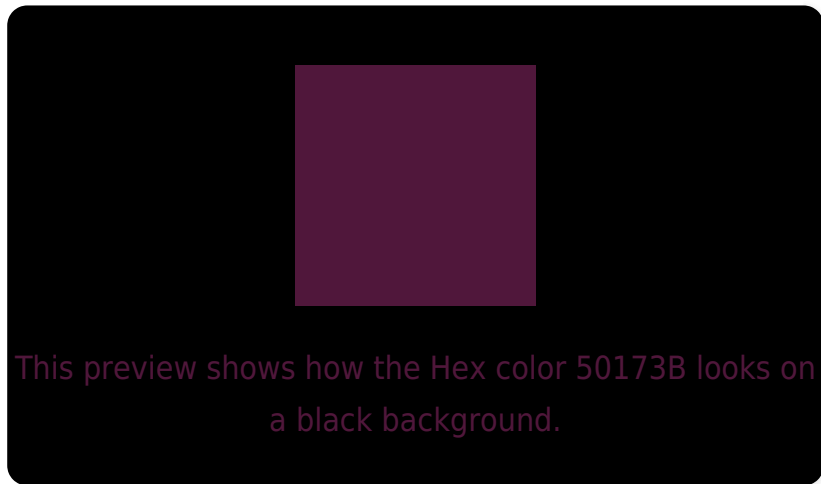
Large Text (above 18pt) WCAG AA ✓ Pass

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

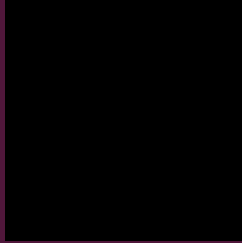
Any Text WCAG AA × Fail

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 50173B Background



This preview shows how black text looks on a background with the Hex color 50173B.



This preview shows how white text looks on a background with the Hex color 50173B.

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
50173B

Protanopia
232E4C

Deuteranopia
2F2E38



Tritanopia
4E1F21

Trichromacy



Original Color
50173B

Protanomaly
332646

Deuteranomaly
3B2639

Tritanomaly
4F1C2A

Monochromacy



Original Color
50173B

Achromatopsia
2C2C2C

Achromatomaly
392431

CSS Examples

Text

The CSS property to change the color of the text to Hex 50173B 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 #50173B looks like.

```
.text, #text, p{  
    color:#50173B  
}
```

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 #50173B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50173B
}
```

Border

The CSS property to change the border of an element to Hex 50173B is called "border". The border property can be set on classes, ids or directly on the HTML element.

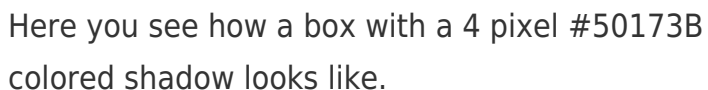
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50173B }
```

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

```
.border{ border-color:#50173B }
```

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



Here you see how a box with a 4 pixel #50173B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50173B; -webkit-box-shadow:4px 4px  
4px 4px #50173B; box-shadow:4px 4px 4px  
4px #50173B }
```

Background

The CSS property to change the background color of an element to Hex 50173B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50173B }
```

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

```
.background{ background-color:#50173B }
```

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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