

Converting Colors

Hex(51253B)

Have a look what the booklet for
Hex(51253B) contains.

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Color

Hex(51253B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 51253B |
| RGB | 81, 37, 59 |
| RGB Percent | 32%, 15%, 23% |
| CMY | 0.6824, 0.8549, 0.7686 |
| CMYK | 0.00, 0.54, 0.27, 0.68 |
| HSL | 330°, 37%, 23% |
| HSV | 330°, 54%, 32% |
| XYZ | 4.8443, 3.3882, 4.5363 |
| YIQ | 52.6640, 19.1620, 16.1700 |

Conversions

Conversions Part 2

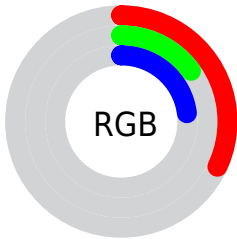
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 81, 37, 59 |
| Decimal | 5317947 |
| CIELab | 21.54, 23.59, -4.62 |
| CIELCh | 22, 24.036, 348.927 |
| Yxy | 3.3882, 0.3794, 0.2654 |
| Android (android.graphics.Color) | 4283508027 (0xFF51253B) |
| YUV | 52.6640, 3.1236, 24.8507 |
| Hunter-Lab | 18.4072, 14.7644, -1.7267 |




Details

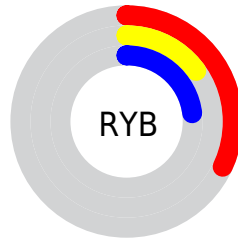
The Hex color **51253B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **25513B**, and the grayscale version is **353535**.




A 20% lighter version of the original color is **84546A**, and **250011** is the 20% darker color. If you saturate the color by 10%, you get **511D37**, and if you desaturate by 10%, it is **512D3F**.

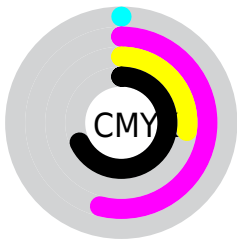
Distribution







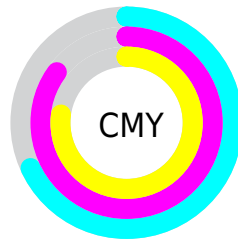
-  Red (32%)
-  Green (15%)
-  Blue (23%)






-  Red (32%)
-  Yellow (15%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (54%)
-  Yellow (27%)
-  Black (68%)



-  Cyan (68%)
-  Magenta (85%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51253B 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 51253B by changing the saturation by 10% instead.



51253B



51253B

FFFFFF



390F25



84546A



250011



9E6C83



000000



BA869D



D6A0B8



F3BBD4



FFD7F0



FFF4FF



51253B



51253B

■ 511D37

■ 512D3F

■ 511533

■ 513543

■ 510D2F

■ 513D47

■ 51052B

■ 51454B

■ 510029

■ 514E4F

■ 515653

■ 515E57

■ 51665B

■ 516E5F

Harmonies

Analogous

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



432A4B



51253B



552529

Triad

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



51253B



333610



003B4E

Complementary

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



51253B



25513B

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.



003C3F



51253B



1E3A1B

Square

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



51253B



433010



003C2C



003756

Rectangle

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



51253B



52281E



003C2C



003C49

Sweetspot

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



51253B



695860



3B2551



362B30



B5B5B5



363636

Same Dimension

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



51253B



692547



512525



292527



690034



E80074

Inverse Universe

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



51253B



692547



255151



292527



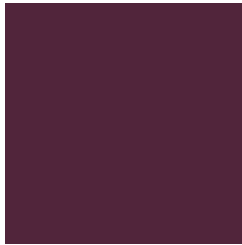
690034



E80074

Previews

White Background



This preview shows how the Hex color 51253B looks on a white background.

Color Contrast Check

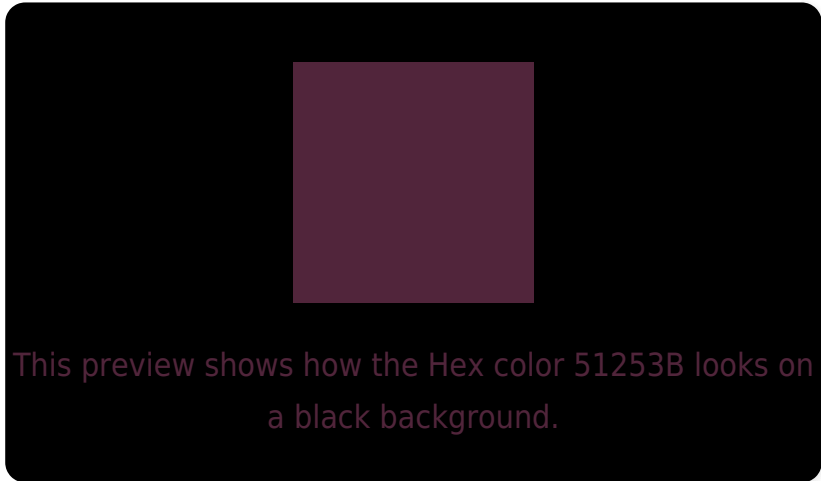
Large Text (above 18pt) WCAG AA ✓ Pass

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

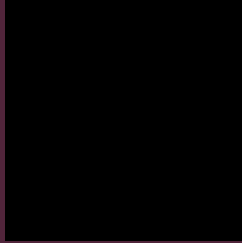
Any Text WCAG AA × Fail

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 51253B Background



This preview shows how black text looks on a background with the Hex color 51253B.



This preview shows how white text looks on a background with the Hex color 51253B.

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
51253B

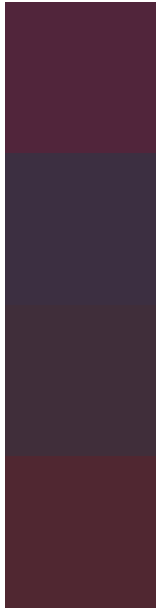
Protanopia
303445

Deuteranopia
373339



Tritanopia
50282B

Trichromacy



Original Color
51253B

Protanomaly
3C2F41

Deuteranomaly
402E3A

Tritanomaly
502731

Monochromacy



Original Color
51253B

Achromatopsia
353535

Achromatomaly
3F2F37

CSS Examples

Text

The CSS property to change the color of the text to Hex 51253B 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 #51253B looks like.

```
.text, #text, p{  
    color:#51253B  
}
```

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 #51253B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51253B
}
```

Border

The CSS property to change the border of an element to Hex 51253B 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".

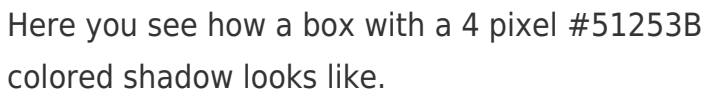
```
.border, #border, table{ border:4px solid
#51253B }
```

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

```
.border{ border-color:#51253B }
```

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

Here you see how a box with a 4 pixel #51253B colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51253B; -webkit-box-shadow:4px 4px  
4px 4px #51253B; box-shadow:4px 4px 4px  
4px #51253B }
```

Background

The CSS property to change the background color of an element to Hex 51253B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51253B }
```

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

```
.background{ background-color:#51253B }
```

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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