

# Converting Colors

Hex(50253D)

Have a look what the booklet for  
Hex(50253D) contains.

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# Color

**Hex(50253D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	50253D
RGB	80, 37, 61
RGB Percent	31%, 15%, 24%
CMY	0.6863, 0.8549, 0.7608
CMYK	0.00, 0.54, 0.24, 0.69
HSL	327°, 37%, 23%
HSV	327°, 54%, 31%
XYZ	4.8121, 3.3655, 4.8109
YIQ	52.5930, 17.9240, 16.5800

# Conversions

## Conversions Part 2

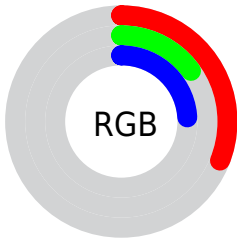
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 37, 61
Decimal	5252413
CIE <sub>Lab</sub>	21.45, 23.54, -6.13
CIE <sub>LCh</sub>	21, 24.325, 345.398
Yxy	3.3655, 0.3705, 0.2591
Android (android.graphics.Color)	4283442493 (0xFF50253D)
YUV	52.5930, 4.1447, 24.0359
Hunter-Lab	18.3454, 14.7175, -2.7063




# Details

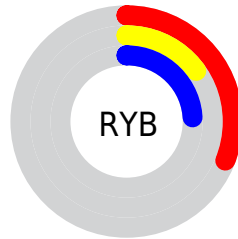
The Hex color **50253D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **255038**, and the grayscale version is **353535**.




A 20% lighter version of the original color is **83536C**, and **250013** is the 20% darker color. If you saturate the color by 10%, you get **501D39**, and if you desaturate by 10%, it is **502D41**.

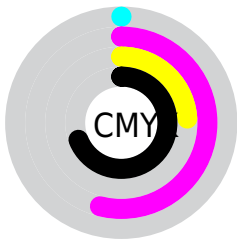
# Distribution







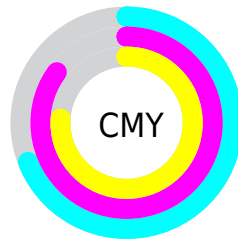
-  Red (31%)
-  Green (15%)
-  Blue (24%)






-  Red (31%)
-  Yellow (15%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (54%)
-  Yellow (24%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (85%)
-  Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50253D 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 50253D by changing the saturation by 10% instead.



 50253D

 50253D

FFFFFF

 380F27

 83536C

 250013

 9D6C86

 000000

 B986A0

 D5A0BB

 F1BBD6

 FFD7F3

 FFF4FF

 50253D

 50253D

■ 501D39

■ 502D41

■ 501536

■ 503544

■ 500D32

■ 503D48

■ 50052F

■ 50454B

■ 50002D

■ 504D4F

■ 505552

■ 505D56

■ 506559

■ 506D5D

# Harmonies

## Analogous

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



402B4D



50253D



55242B

# Triad

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



50253D



35350F



003B4D

# Complementary

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



50253D



255038

# 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.



003C3C



50253D



203A19

# Square

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



50253D



452F10



003C2A



003856

# Rectangle

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



50253D



532720



003C2A



003C48



# Sweetspot

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



50253D



695861



382550



362B31



B5B5B5



363636



# Same Dimension

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



50253D



69254B



502528



292527



69003A



E80082



# Inverse Universe

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



50253D



69254B



25504D



292527



69003A

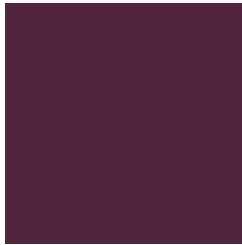


E80082



# Previews

## White Background



This preview shows how the Hex color 50253D looks on a white background.

## Color Contrast Check

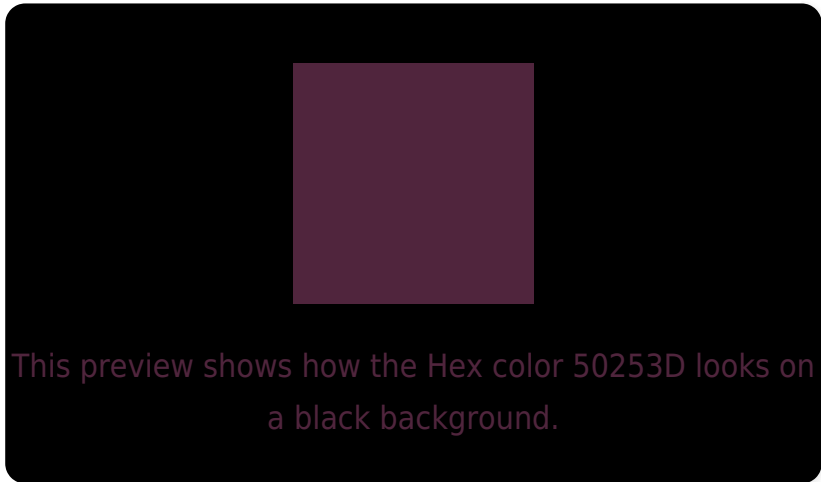
Large Text (above 18pt) WCAG AA ✓ Pass

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

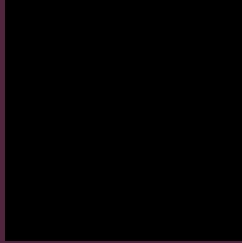
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 50253D Background



This preview shows how black text looks on a background with the Hex color 50253D.



This preview shows how white text looks on a background with the Hex color 50253D.

# 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**  
50253D

**Protanopia**  
2E3447

**Deuteranopia**  
36333B



**Tritanopia**  
4E292C

# Trichromacy



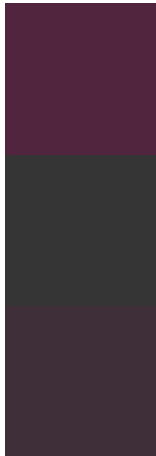
**Original Color**  
50253D

**Protanomaly**  
3A2F43

**Deuteranomaly**  
3F2E3C

**Tritanomaly**  
4F2832

# Monochromacy



**Original Color**  
50253D

**Achromatopsia**  
353535

**Achromatomaly**  
3F2F38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50253D 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 #50253D looks like.

```
.text, #text, p{  
    color:#50253D  
}
```

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 #50253D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50253D
}
```

## Border

The CSS property to change the border of an element to Hex 50253D is called "border". The border property can be set on classes, ids or directly on the HTML element.

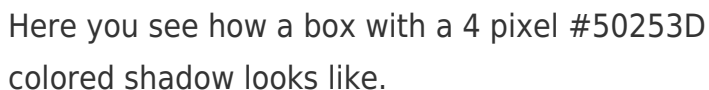
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50253D }
```

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

```
.border{ border-color:#50253D }
```

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



Here you see how a box with a 4 pixel #50253D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50253D; -webkit-box-shadow:4px 4px  
4px 4px #50253D; box-shadow:4px 4px 4px  
4px #50253D }
```

# Background

The CSS property to change the background color of an element to Hex 50253D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50253D }
```

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

```
.background{ background-color:#50253D }
```

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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