

Converting Colors

Hex(3D253B)

Have a look what the booklet for
Hex(3D253B) contains.

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Color

Hex(3D253B)

Conversions

Conversions Part 1

Format	Color
Hex	3D253B
RGB	61, 37, 59
RGB Percent	24%, 15%, 23%
CMY	0.7608, 0.8549, 0.7686
CMYK	0.00, 0.39, 0.03, 0.76
HSL	305°, 24%, 19%
HSV	305°, 39%, 24%
XYZ	3.3755, 2.6310, 4.4676
YIQ	46.6840, 7.2420, 11.9300

Conversions

Conversions Part 2

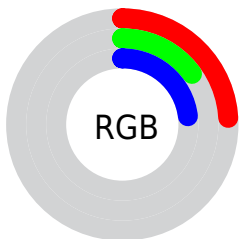
Format	Color
RYB	61, 37, 59
Decimal	4007227
CIELab	18.50, 15.64, -9.50
CIELCh	19, 18.296, 328.729
Yxy	2.6310, 0.3223, 0.2512
Android (android.graphics.Color)	4282197307 (0xFF3D253B)
YUV	46.6840, 6.0718, 12.5551
Hunter-Lab	16.2204, 8.7602, -4.9761




Details

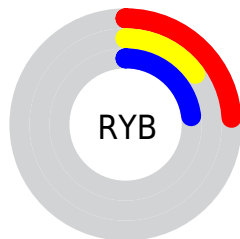
The Hex color **3D253B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **253D27**, and the grayscale version is **2F2F2F**.




A 20% lighter version of the original color is **6D526A**, and **0F0010** is the 20% darker color. If you saturate the color by 10%, you get **3D1F3A**, and if you desaturate by 10%, it is **3D2B3C**.

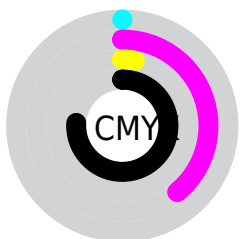
Distribution







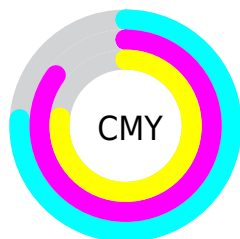
-  Red (24%)
-  Green (15%)
-  Blue (23%)






-  Red (24%)
-  Yellow (15%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (39%)
-  Yellow (3%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (85%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D253B 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 3D253B by changing the saturation by 10% instead.



3D253B



3D253B

FFFFFF



271025



6D526A



0F0010



876B83



000000



A1849E



BC9EB8



D8B9D4



F4D5F0



FFF1FF



3D253B



3D253B

■ 3D1F3A

■ 3D2B3C

■ 3D193A

■ 3D313C

■ 3D1339

■ 3D373D

■ 3D0D39

■ 3D3D3D

■ 3D0738

■ 3D443E

■ 3D0038

■ 3D4A3E

■ 3D503F

■ 3D563F

■ 3D5C40

Harmonies

Analogous

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



2D2A44



3D253B



45222E

Triad

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



3D253B



362C12



003439

Complementary

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



3D253B



253D27

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.



01342C



3D253B



283015

Square

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



3D253B



402717



18331F



003243

Rectangle

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



3D253B



462325



18331F



003435

Sweetspot

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



3D253B



4F464E



27253D



292328



A8A8A8



292929

Same Dimension

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



3D253B



4F2A4C



3D252F



1F1C1E



5E0056



DE00CB

Inverse Universe

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



3D253B



4F2A4C



253D33



1F1C1E



5E0056



DE00CB

Previews

White Background



This preview shows how the Hex color 3D253B 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

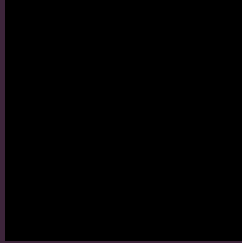
Any Text WCAG AA × Fail

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 3D253B Background



This preview shows how black text looks on a background with the Hex color 3D253B.



This preview shows how white text looks on a background with the Hex color 3D253B.

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](#).

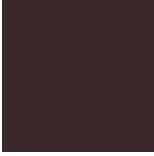
Dichromacy



Original Color
3D253B

Protanopia
272D41

Deuteranopia
2C2D3A



Tritanopia
3B282B

Trichromacy



Original Color
3D253B

Protanomaly
2F2A3F

Deuteranomaly
322A3A

Tritanomaly
3C2731

Monochromacy



Original Color
3D253B

Achromatopsia
2F2F2F

Achromatomaly
342B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D253B 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 #3D253B looks like.

```
.text, #text, p{  
    color:#3D253B  
}
```

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 #3D253B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D253B
}
```

Border

The CSS property to change the border of an element to Hex 3D253B is called "border". The border property can be set on classes, ids or directly on the HTML element.

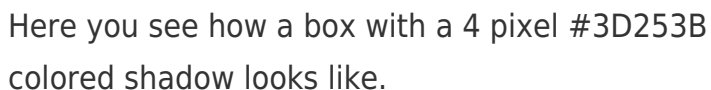
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D253B }
```

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

```
.border{ border-color:#3D253B }
```

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



Here you see how a box with a 4 pixel #3D253B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D253B; -webkit-box-shadow:4px 4px  
4px 4px #3D253B; box-shadow:4px 4px 4px  
4px #3D253B }
```

Background

The CSS property to change the background color of an element to Hex 3D253B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D253B }
```

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

```
.background{ background-color:#3D253B }
```

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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