

Converting Colors

Hex(3D153B)

Have a look what the booklet for
Hex(3D153B) contains.

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Color

Hex(3D153B)

Conversions

Conversions Part 1

Format	Color
Hex	3D153B
RGB	61, 21, 59
RGB Percent	24%, 8%, 23%
CMY	0.7608, 0.9176, 0.7686
CMYK	0.00, 0.66, 0.03, 0.76
HSL	303°, 49%, 16%
HSV	303°, 66%, 24%
XYZ	2.9821, 1.8442, 4.3365
YIQ	37.2920, 11.6420, 20.2980

Conversions

Conversions Part 2

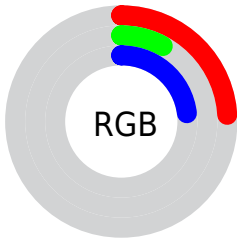
Format	Color
RYB	61, 21, 59
Decimal	4003131
CIELab	14.65, 25.60, -15.46
CIELCh	15, 29.904, 328.870
Yxy	1.8442, 0.3255, 0.2013
Android (android.graphics.Color)	4282193211 (0xFF3D153B)
YUV	37.2920, 10.7020, 20.7919
Hunter-Lab	13.5801, 15.4315, -9.4267




Details

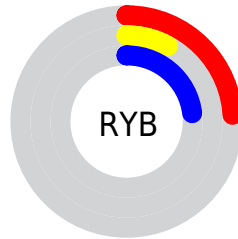
The Hex color **3D153B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **153D17**, and the grayscale version is **252525**.




A 20% lighter version of the original color is **6E436A**, and **00000F** is the 20% darker color. If you saturate the color by 10%, you get **3D0F3B**, and if you desaturate by 10%, it is **3D1B3B**.

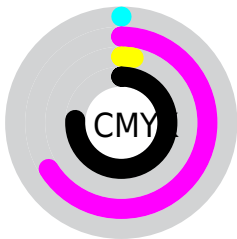
Distribution







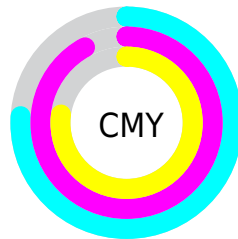
-  Red (24%)
-  Green (8%)
-  Blue (23%)






-  Red (24%)
-  Yellow (8%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (66%)
-  Yellow (3%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (92%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D153B 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 3D153B by changing the saturation by 10% instead.


 3D153B

 3D153B

 FFFCFF

 270025

 6E436A

 00000F

 885B84

 000000

 A2749E

 BE8DB9

 DAA8D5

 F7C4F1

 FFE0FF

 3D153B

 3D153B

■ 3D0F3B

■ 3D1B3B

■ 3D093A

■ 3D213C

■ 3D033A

■ 3D273C

■ 3D003A

■ 3D2D3C

■ 3D343D

■ 3D3A3D

■ 3D403D

■ 3D463D

■ 3D4C3E

Harmonies

Analogous

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



22204A



3D153B



490D27

Triad

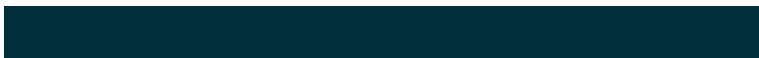
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D153B



302400



002E39

Complementary

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



3D153B



153D17

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.



002E23



3D153B



1C2900

Square

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



3D153B



401B00



002D0D



002C49

Rectangle

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



3D153B



4A0F19



002D0D



002E32

Sweetspot

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



3D153B



4F3F4E



17153D



291F28



A8A8A8



292929

Same Dimension

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



3D153B



4F114C



3D1527



1F1C1E



5E005A



DE00D3

Inverse Universe

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



3D153B



4F114C



153D2B



1F1C1E



5E005A



DE00D3

Previews

White Background



This preview shows how the Hex color 3D153B looks on a white background.

Color Contrast Check

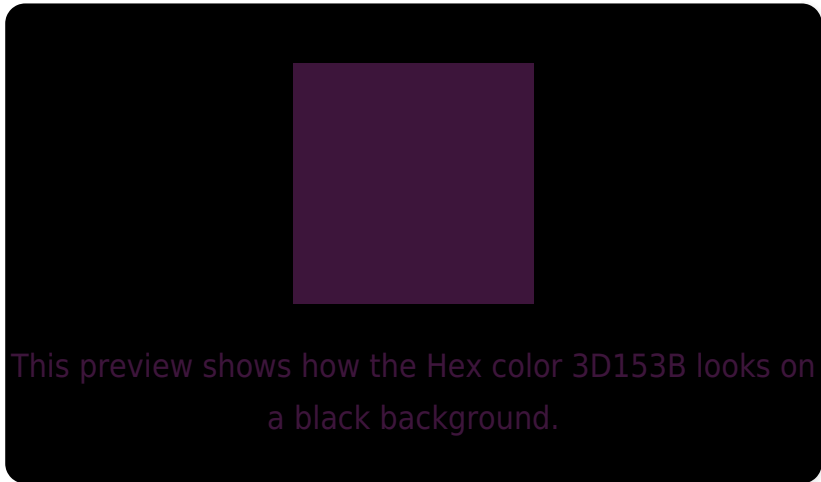
Large Text (above 18pt) WCAG AA ✓ Pass

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

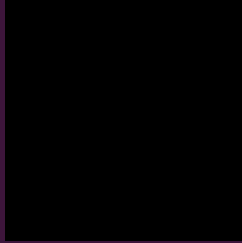
Any Text WCAG AA × Fail

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 3D153B Background



This preview shows how black text looks on a background with the Hex color 3D153B.



This preview shows how white text looks on a background with the Hex color 3D153B.

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
3D153B

Protanopia
11254A

Deuteranopia
1E2638



Tritanopia
3A1D1F

Trichromacy



Original Color
3D153B

Protanomaly
211F45

Deuteranomaly
292039

Tritanomaly
3B1A29

Monochromacy



Original Color
3D153B

Achromatopsia
252525

Achromatomaly
2E1F2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D153B 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 #3D153B looks like.

```
.text, #text, p{  
    color:#3D153B  
}
```

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 #3D153B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D153B
}
```

Border

The CSS property to change the border of an element to Hex 3D153B 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".

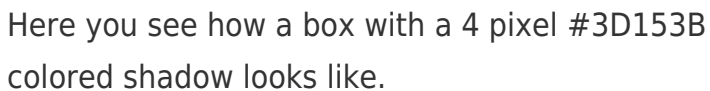
```
.border, #border, table{ border:4px solid
#3D153B }
```

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

```
.border{ border-color:#3D153B }
```

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

Here you see how a box with a 4 pixel #3D153B 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 #3D153B; -webkit-box-shadow:4px 4px  
4px 4px #3D153B; box-shadow:4px 4px 4px  
4px #3D153B }
```

Background

The CSS property to change the background color of an element to Hex 3D153B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D153B }
```

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

```
.background{ background-color:#3D153B }
```

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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