

# Converting Colors

Hex(3D1C37)

Have a look what the booklet for  
Hex(3D1C37) contains.

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# Color

**Hex(3D1C37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D1C37
RGB	61, 28, 55
RGB Percent	24%, 11%, 22%
CMY	0.7608, 0.8902, 0.7843
CMYK	0.00, 0.54, 0.10, 0.76
HSL	311°, 37%, 17%
HSV	311°, 54%, 24%
XYZ	3.0293, 2.0984, 3.8598
YIQ	40.9450, 11.0010, 15.3930

# Conversions

## Conversions Part 2

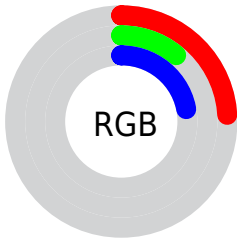
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 28, 55
Decimal	4004919
CIELab	16.00, 20.62, -10.54
CIElCh	16, 23.151, 332.932
Yxy	2.0984, 0.3371, 0.2335
Android (android.graphics.Color)	4282194999 (0xFF3D1C37)
YUV	40.9450, 6.9291, 17.5882
Hunter-Lab	14.4860, 11.9774, -5.6577

# Details

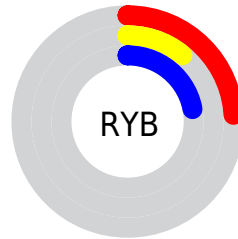
The Hex color **3D1C37** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1C3D22**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **6E4966**, and **050009** is the 20% darker color. If you saturate the color by 10%, you get **3D1636**, and if you desaturate by 10%, it is **3D2238**.

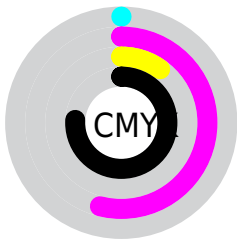
# Distribution



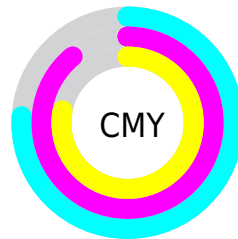
- Red (24%)
- Green (11%)
- Blue (22%)



- Red (24%)
- Yellow (11%)
- Blue (22%)



- Cyan (0%)
- Magenta (54%)
- Yellow (10%)
- Black (76%)



- Cyan (76%)
- Magenta (89%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D1C37 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 3D1C37 by changing the saturation by 10% instead.



 3D1C37

 3D1C37

FFFFFF

 270622

 6E4966

 050009

 87617F

 000000

 A27A99

 BD94B4

 D9AFCF

 F6CAEB

 FFE7FF

 3D1C37

 3D1C37

■ 3D1636

■ 3D2238

■ 3D1035

■ 3D2839

■ 3D0A34

■ 3D2E3A

■ 3D0433

■ 3D343B

■ 3D0032

■ 3D3B3D

■ 3D413E

■ 3D473F

■ 3D4D40

■ 3D5341

# Harmonies

## Analogous

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



2A2343



3D1C37



451927

# Triad

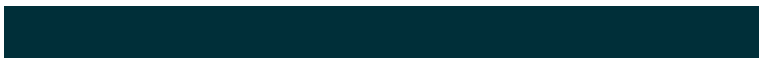
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D1C37



302700



002F39

# Complementary

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



3D1C37



1C3D22

# 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.



003029



3D1C37



1F2C08

# Square

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



3D1C37



3C2107



052F18



002D45

# Rectangle

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



3D1C37



461A1C



052F18



003034



# Sweetspot

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



3D1C37



4F424D



211C3D



292127



A8A8A8



292929



# Same Dimension

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



3D1C37



4F1C46



3D1C27



1F1C1E



5E004D



DE00B6



# Inverse Universe

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



3D1C37



4F1C46



1C3D32



1F1C1E



5E004D



DE00B6



# Previews

## White Background



This preview shows how the Hex color 3D1C37 looks on a white background.

## Color Contrast Check

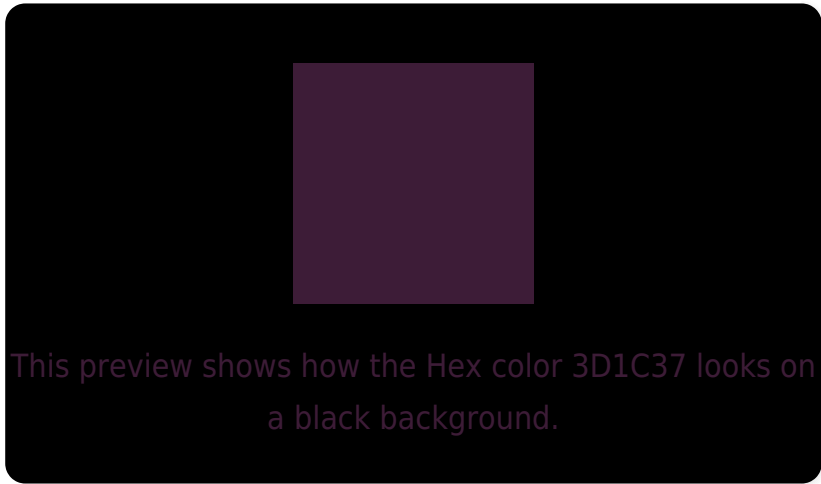
Large Text (above 18pt) WCAG AA ✓ Pass

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

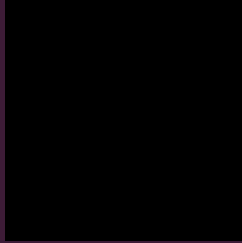
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D1C37 Background



This preview shows how black text looks on a background with the Hex color 3D1C37.



This preview shows how white text looks on a background with the Hex color 3D1C37.

# 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](#).

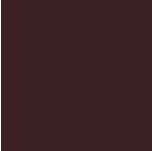
## Dichromacy



**Original Color**  
3D1C37

**Protanopia**  
1F2840

**Deuteranopia**  
262835



**Tritanopia**  
3B2123

# Trichromacy



**Original Color**  
3D1C37

**Protanomaly**  
2A243D

**Deuteranomaly**  
2E2436

**Tritanomaly**  
3C1F2A

# Monochromacy



**Original Color**  
3D1C37

**Achromatopsia**  
292929

**Achromatomaly**  
30242E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D1C37 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 #3D1C37 looks like.

```
.text, #text, p{  
    color:#3D1C37  
}
```

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 #3D1C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1C37  
}
```

## Border

The CSS property to change the border of an element to Hex 3D1C37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

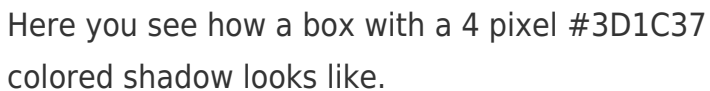
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3D1C37 }
```

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

```
.border{ border-color:#3D1C37 }
```

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



Here you see how a box with a 4 pixel #3D1C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1C37; -webkit-box-shadow:4px 4px  
4px 4px #3D1C37; box-shadow:4px 4px 4px  
4px #3D1C37 }
```

# Background

The CSS property to change the background color of an element to Hex 3D1C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1C37 }
```

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

```
.background{ background-color:#3D1C37 }
```

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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