

Converting Colors

Hex(3D0D36)

Have a look what the booklet for
Hex(3D0D36) contains.

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Color

Hex(3D0D36)

Conversions

Conversions Part 1

Format	Color
Hex	3D0D36
RGB	61, 13, 54
RGB Percent	24%, 5%, 21%
CMY	0.7608, 0.9490, 0.7882
CMYK	0.00, 0.79, 0.11, 0.76
HSL	309°, 65%, 15%
HSV	309°, 79%, 24%
XYZ	2.7342, 1.5463, 3.6444
YIQ	32.0260, 15.4470, 22.9270

Conversions

Conversions Part 2

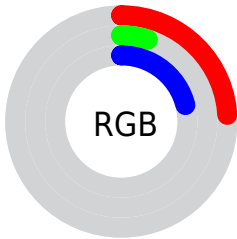
Format	Color
RYB	61, 13, 54
Decimal	4001078
CIELab	12.90, 28.64, -14.63
CIELCh	13, 32.157, 332.943
Yxy	1.5463, 0.3450, 0.1951
Android (android.graphics.Color)	4282191158 (0xFF3D0D36)
YUV	32.0260, 10.8332, 25.4102
Hunter-Lab	12.4350, 17.4879, -8.6719




Details

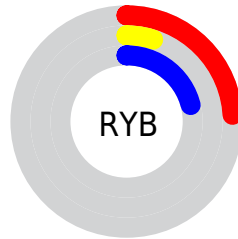
The Hex color **3D0D36** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0D3D14**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **6E3C65**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **3D0735**, and if you desaturate by 10%, it is **3D1337**.

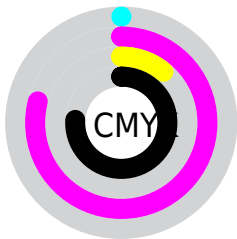
Distribution







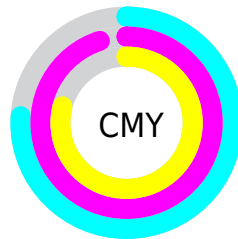
-  Red (24%)
-  Green (5%)
-  Blue (21%)






-  Red (24%)
-  Yellow (5%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (79%)
-  Yellow (11%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (95%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D0D36 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 3D0D36 by changing the saturation by 10% instead.

 3D0D36

 3D0D36

 FFF5FF

 280021

 6E3C65

 000006

 88547E

 000000

 A36D98

 BF86B3

 DBA1CE

 F8BCEA

 FFD8FF

 3D0D36

 3D0D36

■ 3D0735

■ 3D1337

■ 3D0134

■ 3D1938

■ 3D0034

■ 3D1F39

■ 3D253A

■ 3D2C3A

■ 3D323B

■ 3D383C

■ 3D3E3D

■ 3D443E

Harmonies

Analogous

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



221A47



3D0D36



470420

Triad

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



3D0D36



292100



002B39

Complementary

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



3D0D36



0D3D14

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.



002B23



3D0D36



132700

Square

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



3D0D36



3A1800



002A09



002949

Rectangle

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



3D0D36



470811



002A09



002B32

Sweetspot

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



3D0D36



4F3C4C



130D3D



291D27



A8A8A8



292929

Same Dimension

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



3D0D36



4F0544



3D0D1F



1F1C1E



5E0051



DE00BD

Inverse Universe

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



3D0D36



4F0544



0D3D2B



1F1C1E



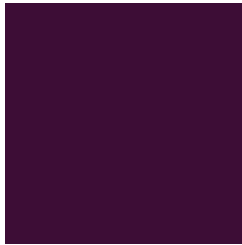
5E0051



DE00BD

Previews

White Background



This preview shows how the Hex color 3D0D36 looks on a white background.

Color Contrast Check

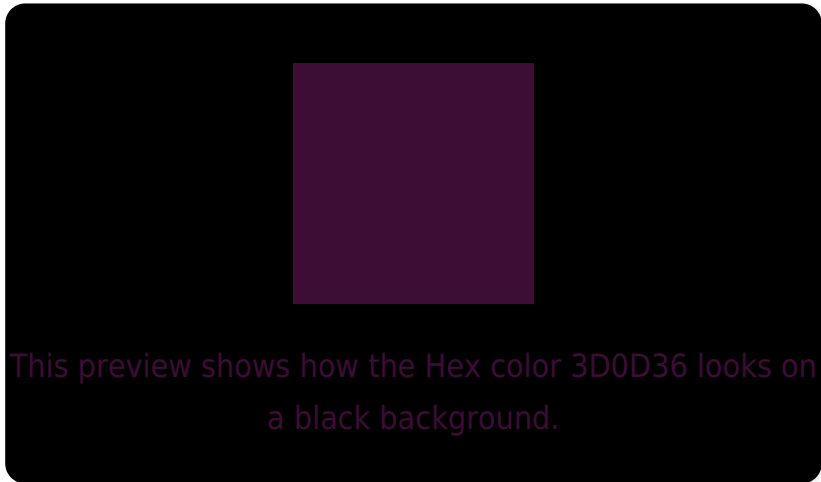
Large Text (above 18pt) WCAG AA ✓ Pass

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

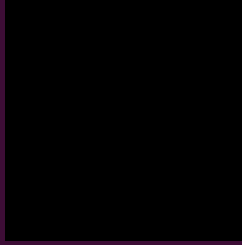
Any Text WCAG AA × Fail

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 3D0D36 Background



This preview shows how black text looks on a background with the Hex color 3D0D36.



This preview shows how white text looks on a background with the Hex color 3D0D36.

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
3D0D36

Protanopia
052248

Deuteranopia
1D2333



Tritanopia
3A1819

Trichromacy



Original Color
3D0D36

Protanomaly
191A41

Deuteranomaly
291B34

Tritanomaly
3B1424

Monochromacy



Original Color
3D0D36

Achromatopsia
202020

Achromatomaly
2B1928

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D0D36 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 #3D0D36 looks like.

```
.text, #text, p{  
    color:#3D0D36  
}
```

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 #3D0D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0D36
}
```

Border

The CSS property to change the border of an element to Hex 3D0D36 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".

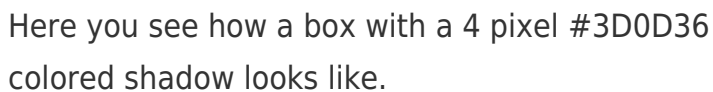
```
.border, #border, table{ border:4px solid
#3D0D36 }
```

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

```
.border{ border-color:#3D0D36 }
```

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

Here you see how a box with a 4 pixel #3D0D36 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0D36; -webkit-box-shadow:4px 4px  
4px 4px #3D0D36; box-shadow:4px 4px 4px  
4px #3D0D36 }
```

Background

The CSS property to change the background color of an element to Hex 3D0D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0D36 }
```

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

```
.background{ background-color:#3D0D36 }
```

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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