

Converting Colors

Hex(3D3B36)

Have a look what the booklet for
Hex(3D3B36) contains.

Hex(3D3B36)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D3B36)

Conversions

Conversions Part 1

Format	Color
Hex	3D3B36
RGB	61, 59, 54
RGB Percent	24%, 23%, 21%
CMY	0.7608, 0.7686, 0.7882
CMYK	0.00, 0.03, 0.11, 0.76
HSL	43°, 6%, 23%
HSV	43°, 11%, 24%
XYZ	4.1543, 4.3864, 4.1177
YIQ	59.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

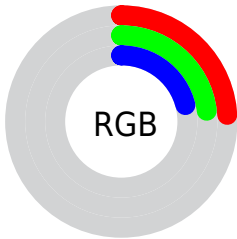
Format	Color
RYB	57, 61, 54
Decimal	4012854
CIELab	24.91, -0.21, 3.40
CIElCh	25, 3.408, 93.520
Yxy	4.3864, 0.3282, 0.3465
Android (android.graphics.Color)	4282202934 (0xFF3D3B36)
YUV	59.0280, -2.4788, 1.7294
Hunter-Lab	20.9437, -1.2450, 3.0036

Details

The Hex color **3D3B36** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36383D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6C6A65**, and **13100A** is the 20% darker color. If you saturate the color by 10%, you get **3D3930**, and if you desaturate by 10%, it is **3D3D3C**.

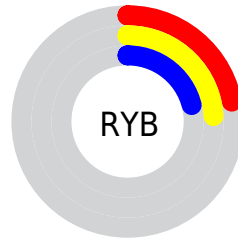
Distribution



Red (24%)

Green (23%)

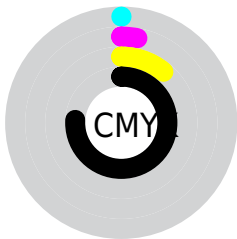
Blue (21%)



Red (22%)

Yellow (24%)

Blue (21%)

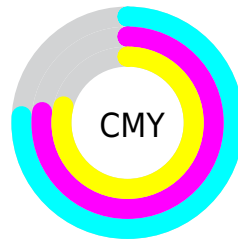


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (76%)



Cyan (76%)

Magenta (77%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3B36 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 3D3B36 by changing the saturation by 10% instead.

■ 3D3B36

■ 3D3B36

FFFFFF

■ 272521

■ 6C6A65

■ 13100A

■ 86837E

■ 000000

■ A09D97

■ BBB8B2

■ D6D4CE

■ F3F0EA

■ 3D3B36

■ 3D3B36

■ 3D3930

■ 3D3D3C

■ 3D382A

■ 3D3E42

■ 3D3624

■ 3D4048

■ 3D341E

■ 3D424E

■ 3D3218

■ 3D4455

■ 3D3111

■ 3D455B

■ 3D2F0B

■ 3D4761

■ 3D2D05

■ 3D4967

■ 3D2C00

■ 3D4B6D

Harmonies

Analogous

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



3F3A37



3D3B36



3A3C37

Triad

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



3D3B36



353D3E



3F3A3D

Complementary

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



3D3B36



36383D

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.



3C3A3F



3D3B36



363C40

Square

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



3D3B36



353D3B



393B40



40393B

Rectangle

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



3D3B36



383C38



393B40



3E3A3E

Sweetspot

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



3D3B36



4F4E4D



3D3638



292827



A8A8A8



292929

Same Dimension

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



3D3B36



4F4C44



3C3D36



1F1E1C



5E4300



DE9E00

Inverse Universe

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



36383D



44474F



37363D



1C1C1F



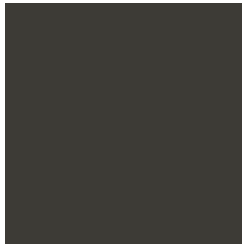
001B5E



003FDE

Previews

White Background



This preview shows how the Hex color 3D3B36 looks on a white background.

Color Contrast Check

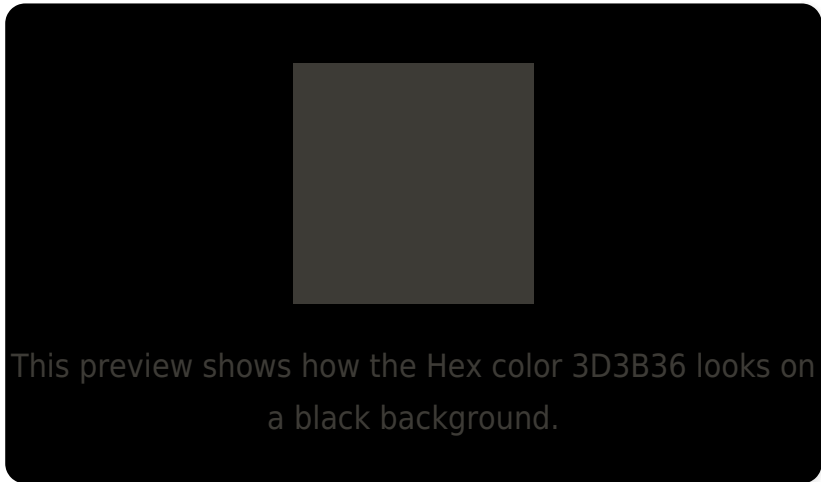
Large Text (above 18pt) WCAG AA ✓ Pass

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

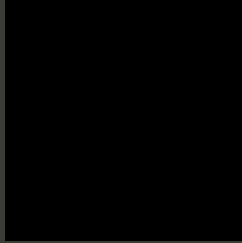
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

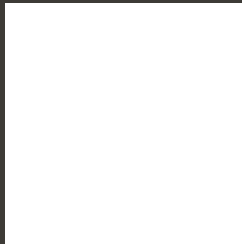
Any Text WCAG AAA × Fail

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

Hex 3D3B36 Background



This preview shows how black text looks on a background with the Hex color 3D3B36.



This preview shows how white text looks on a background with the Hex color 3D3B36.

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
3D3B36

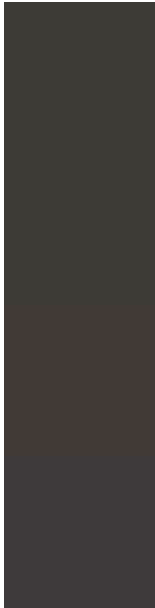
Protanopia
3D3B36

Deuteranopia
433936



Tritanopia
3E3A3E

Trichromacy



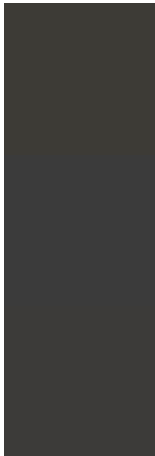
Original Color
3D3B36

Protanomaly
3D3B36

Deuteranomaly
413A36

Tritanomaly
3E3A3B

Monochromacy



Original Color
3D3B36

Achromatopsia
3B3B3B

Achromatomaly
3C3B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3B36 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 #3D3B36 looks like.

```
.text, #text, p{  
    color:#3D3B36  
}
```

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 #3D3B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3B36
}
```

Border

The CSS property to change the border of an element to Hex 3D3B36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

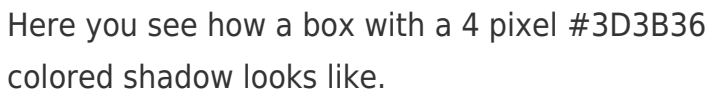
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D3B36 }
```

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

```
.border{ border-color:#3D3B36 }
```

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



Here you see how a box with a 4 pixel #3D3B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3B36; -webkit-box-shadow:4px 4px  
4px 4px #3D3B36; box-shadow:4px 4px 4px  
4px #3D3B36 }
```

Background

The CSS property to change the background color of an element to Hex 3D3B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3B36 }
```

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

```
.background{ background-color:#3D3B36 }
```

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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