

Converting Colors

Hex(3D363C)

Have a look what the booklet for
Hex(3D363C) contains.

Hex(3D363C)	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(3D363C)

Conversions

Conversions Part 1

Format	Color
Hex	3D363C
RGB	61, 54, 60
RGB Percent	24%, 21%, 24%
CMY	0.7608, 0.7882, 0.7647
CMYK	0.00, 0.11, 0.02, 0.76
HSL	309°, 6%, 23%
HSV	309°, 11%, 24%
XYZ	4.0592, 3.9567, 4.8247
YIQ	56.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

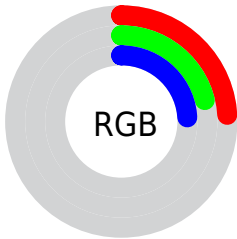
Format	Color
RYB	61, 54, 60
Decimal	4011580
CIELab	23.53, 4.39, -2.62
CIELCh	24, 5.117, 329.177
Yxy	3.9567, 0.3161, 0.3081
Android (android.graphics.Color)	4282201660 (0xFF3D363C)
YUV	56.7770, 1.5889, 3.7036
Hunter-Lab	19.8914, 1.6166, -0.4570

Details

The Hex color **3D363C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **363D37**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6C656B**, and **130A12** is the 20% darker color. If you saturate the color by 10%, you get **3D303B**, and if you desaturate by 10%, it is **3D3C3D**.

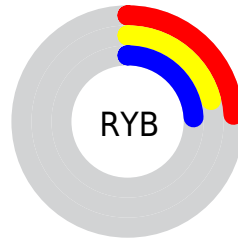
Distribution



Red (24%)

Green (21%)

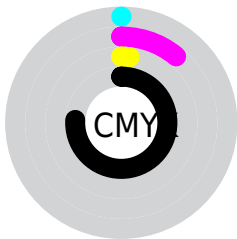
Blue (24%)



Red (24%)

Yellow (21%)

Blue (24%)

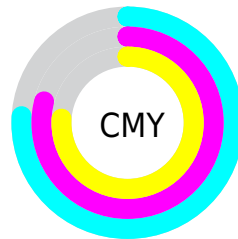


Cyan (0%)

Magenta (11%)

Yellow (2%)

Black (76%)



Cyan (76%)

Magenta (79%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D363C 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 3D363C by changing the saturation by 10% instead.

■ 3D363C

■ 3D363C

FFFFFF

■ 272126

■ 6C656B

■ 130A12

■ 867E84

■ 000000

■ A0979F

■ BBB2B9

■ D7CED5

■ F3EAF2

■ 3D363C

■ 3D363C

■ 3D303B

■ 3D3C3D

■ 3D2A3A

■ 3D423E

■ 3D2439

■ 3D483F

■ 3D1E39

■ 3D4E3F

■ 3D1838

■ 3D5540

■ 3D1137

■ 3D5B41

■ 3D0B36

■ 3D6142

■ 3D0535

■ 3D6743

■ 3D0034

■ 3D6D44

Harmonies

Analogous

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



39373F



3D363C



403538

Triad

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



3D363C



3B3830



2E3A3C

Complementary

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



3D363C



363D37

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.



2F3A38



3D363C



373931

Square

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



3D363C



3F3632



333A34



30393E

Rectangle

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



3D363C



403636



333A34



2E3A3A

Sweetspot

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



3D363C



4F4D4F



37363D



292729



A8A8A8



292929

Same Dimension

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



3D363C



4F444D



3D3639



1F1C1E



5E0051



DE00BE

Inverse Universe

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



3D363C



4F444D



363D3A



1F1C1E



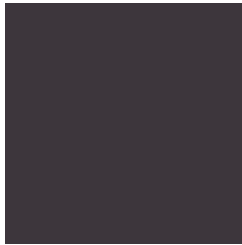
5E0051



DE00BE

Previews

White Background



This preview shows how the Hex color 3D363C looks on a white background.

Color Contrast Check

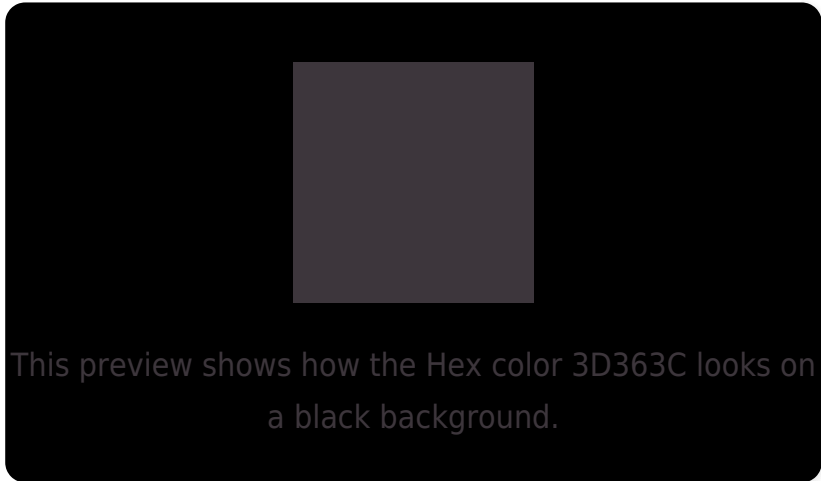
Large Text (above 18pt) WCAG AA ✓ Pass

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

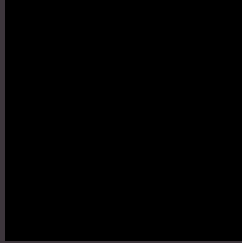
Any Text WCAG AA × Fail

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 3D363C Background



This preview shows how black text looks on a background with the Hex color 3D363C.



This preview shows how white text looks on a background with the Hex color 3D363C.

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
3D363C

Protanopia
38383D

Deuteranopia
3C363C



Tritanopia
3D363B

Trichromacy



Original Color

3D363C

Protanomaly

3A373D

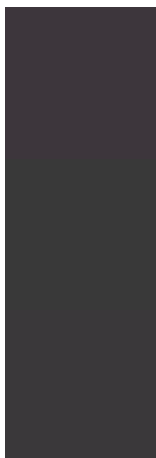
Deuteranomaly

3C363C

Tritanomaly

3D363B

Monochromacy



Original Color

3D363C

Achromatopsia

393939

Achromatomaly

3A383A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D363C 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 #3D363C looks like.

```
.text, #text, p{  
    color:#3D363C  
}
```

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 #3D363C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D363C
}
```

Border

The CSS property to change the border of an element to Hex 3D363C is called "border". The border property can be set on classes, ids or directly on the HTML element.

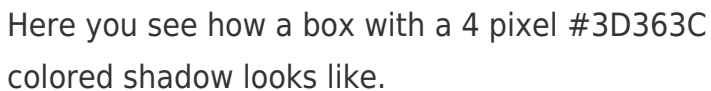
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D363C }
```

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

```
.border{ border-color:#3D363C }
```

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



Here you see how a box with a 4 pixel #3D363C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D363C; -webkit-box-shadow:4px 4px  
4px 4px #3D363C; box-shadow:4px 4px 4px  
4px #3D363C }
```

Background

The CSS property to change the background color of an element to Hex 3D363C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D363C }
```

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

```
.background{ background-color:#3D363C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor