

Converting Colors

Hex(3D3A3A)

Have a look what the booklet for
Hex(3D3A3A) contains.

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Color

Hex(3D3A3A)

Conversions

Conversions Part 1

Format	Color
Hex	3D3A3A
RGB	61, 58, 58
RGB Percent	24%, 23%, 23%
CMY	0.7608, 0.7725, 0.7725
CMYK	0.00, 0.05, 0.05, 0.76
HSL	0°, 3%, 23%
HSV	0°, 5%, 24%
XYZ	4.2012, 4.3237, 4.6161
YIQ	58.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

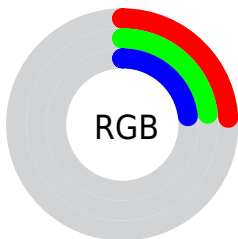
Format	Color
RYB	61, 58, 58
Decimal	4012602
CIELab	24.71, 1.30, 0.46
CIELCh	25, 1.374, 19.490
Yxy	4.3237, 0.3197, 0.3290
Android (android.graphics.Color)	4282202682 (0xFF3D3A3A)
YUV	58.8970, -0.4422, 1.8443
Hunter-Lab	20.7935, -0.3234, 1.3932

Details

The Hex color **3D3A3A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A3D3D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6C6969**, and **130F0F** is the 20% darker color. If you saturate the color by 10%, you get **3D3434**, and if you desaturate by 10%, it is **3D4040**.

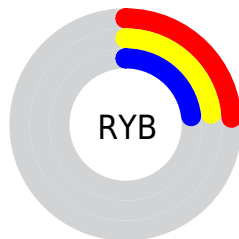
Distribution



Red (24%)

Green (23%)

Blue (23%)



Red (24%)

Yellow (23%)

Blue (23%)

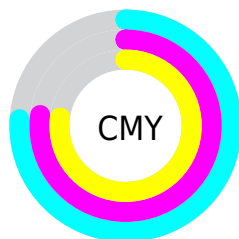


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (76%)



Cyan (76%)

Magenta (77%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3A3A 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 3D3A3A by changing the saturation by 10% instead.

■ 3D3A3A

■ 3D3A3A

FFFFFF

■ 272424

■ 6C6969

■ 130F0F

■ 868282

■ 000000

■ A09C9C

■ BBB7B7

■ D6D3D3

■ F3EFEF

■ 3D3A3A

■ 3D3A3A

■ 3D3434

■ 3D4040

■ 3D2E2E

■ 3D4646

■ 3D2828

■ 3D4C4C

■ 3D2222

■ 3D5252

■ 3D1B1B

■ 3D5959

■ 3D1515

■ 3D5F5F

■ 3D0F0F

■ 3D6565

■ 3D0909

■ 3D6B6B

■ 3D0303

■ 3D7171

Harmonies

Analogous

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



3D3A3B



3D3A3A



3D3A39

Triad

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



3D3A3A



3A3B39



393B3D

Complementary

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



3D3A3A



3A3D3D

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.



383B3C



3D3A3A



393B3A

Square

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



3D3A3A



3B3B39



383B3B



3A3B3D

Rectangle

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



3D3A3A



3C3A39



383B3B



393B3D

Sweetspot

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



3D3A3A



4F4E4E



3D3A3D



292828



A8A8A8



292929

Same Dimension

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



3D3A3A



4F4A4A



3D3C3A



1F1C1C



5E0000



DE0000

Inverse Universe

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



3A3D3D



4A4F4F



3A3C3D



1C1F1F



005E5E



00DEDE

Previews

White Background



This preview shows how the Hex color 3D3A3A looks on a white background.

Color Contrast Check

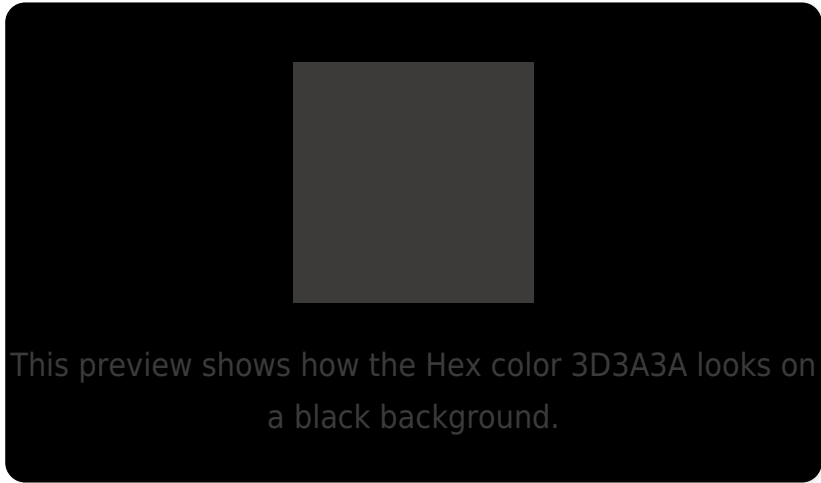
Large Text (above 18pt) WCAG AA ✓ Pass

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

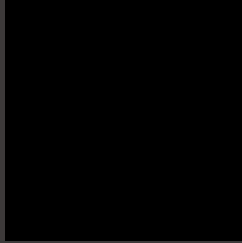
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

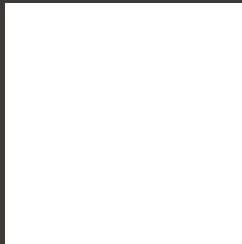
Any Text WCAG AAA × Fail

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

Hex 3D3A3A Background



This preview shows how black text looks on a background with the Hex color 3D3A3A.



This preview shows how white text looks on a background with the Hex color 3D3A3A.

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


3D3A3A

Protanopia

3C3A3A

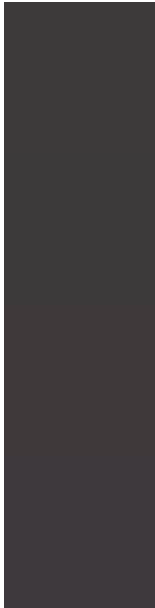
Deuteranopia

40393A



Tritanopia
3E393E

Trichromacy



Original Color

3D3A3A

Protanomaly

3C3A3A

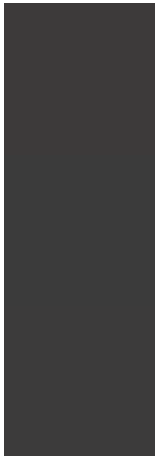
Deuteranomaly

3F393A

Tritanomaly

3E393D

Monochromacy



Original Color

3D3A3A

Achromatopsia

3B3B3B

Achromatomaly

3C3B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3A3A 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 #3D3A3A looks like.

```
.text, #text, p{  
    color:#3D3A3A  
}
```

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 #3D3A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3A3A
}
```

Border

The CSS property to change the border of an element to Hex 3D3A3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

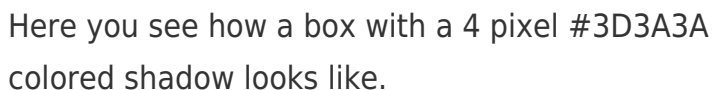
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D3A3A }
```

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

```
.border{ border-color:#3D3A3A }
```

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



Here you see how a box with a 4 pixel #3D3A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3A3A; -webkit-box-shadow:4px 4px  
4px 4px #3D3A3A; box-shadow:4px 4px 4px  
4px #3D3A3A }
```

Background

The CSS property to change the background color of an element to Hex 3D3A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3A3A }
```

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

```
.background{ background-color:#3D3A3A }
```

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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