

Converting Colors

Hex(3A3D3D)

Have a look what the booklet for
Hex(3A3D3D) contains.

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Color

Hex(3A3D3D)

Conversions

Conversions Part 1

Format	Color
Hex	3A3D3D
RGB	58, 61, 61
RGB Percent	23%, 24%, 24%
CMY	0.7725, 0.7608, 0.7608
CMYK	0.05, 0.00, 0.00, 0.76
HSL	180°, 3%, 23%
HSV	180°, 5%, 24%
XYZ	4.2560, 4.5739, 5.0734
YIQ	60.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

Format	Color
R_{YB}	58, 60, 61
Decimal	3816765
CIE Lab	25.48, -1.26, -0.44
CIE LCh	25, 1.338, 199.348
Yxy	4.5739, 0.3061, 0.3290
Android (android.graphics.Color)	4282006845 (0xFF3A3D3D)
YUV	60.1030, 0.4422, -1.8443
Hunter-Lab	21.3868, -1.9054, 0.9058

Details

The Hex color **3A3D3D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D3A3A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **696C6C**, and **0F1313** is the 20% darker color. If you saturate the color by 10%, you get **343D3D**, and if you desaturate by 10%, it is **403D3D**.

Distribution



Red (23%)

Green (24%)

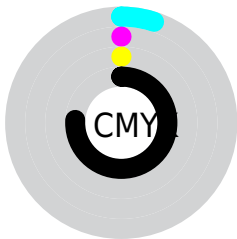
Blue (24%)



Red (23%)

Yellow (24%)

Blue (24%)



Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (76%)



Cyan (77%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3D3D 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 3A3D3D by changing the saturation by 10% instead.



3A3D3D



3A3D3D

FFFFFF



242727



696C6C



0F1313



828686



000000



9CA0A0



B7BBBB



D3D6D6



EFF3F3



3A3D3D



3A3D3D



343D3D



403D3D

■ 2E3D3D

■ 463D3D

■ 283D3D

■ 4C3D3D

■ 223D3D

■ 523D3D

■ 1B3D3D

■ 593D3D

■ 153D3D

■ 5F3D3D

■ 0F3D3D

■ 653D3D

■ 093D3D

■ 6B3D3D

■ 033D3D

■ 713D3D

Harmonies

Analogous

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



3A3D3C



3A3D3D



3A3D3E

Triad

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



3A3D3D



3D3C3E



3E3C3A

Complementary

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



3A3D3D



3D3A3A

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.



3E3C3B



3A3D3D



3E3C3D

Square

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



3A3D3D



3C3C3E



3F3C3C



3D3D3A

Rectangle

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



3A3D3D



3B3D3E



3F3C3C



3E3C3B

Sweetspot

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



3A3D3D



4E4F4F



3A3D3A



282929



A8A8A8



292929

Same Dimension

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



3A3D3D



4A4F4F



3A3C3D



1C1F1F



005E5E



00DEDE

Inverse Universe

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



3D3A3D



4F4A4F



3D3C3A



1F1C1F



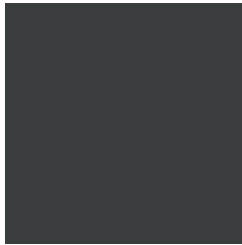
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 3A3D3D looks on a white background.

Color Contrast Check

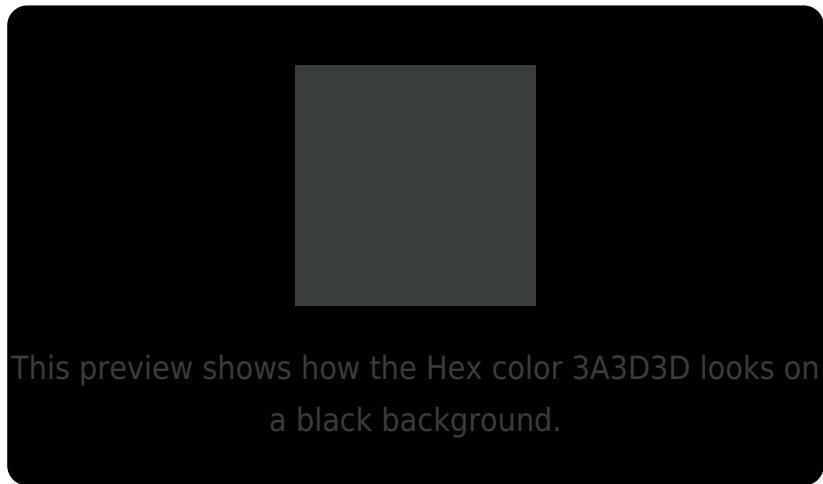
Large Text (above 18pt) WCAG AA ✓ Pass

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

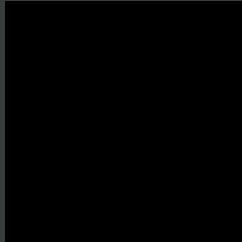
Any Text WCAG AA × Fail

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 3A3D3D Background



This preview shows how black text looks on a background with the Hex color 3A3D3D.

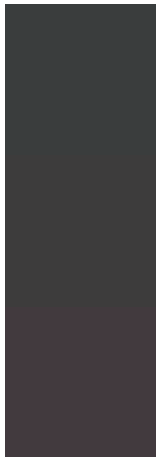


This preview shows how white text looks on a background with the Hex color 3A3D3D.

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](#).

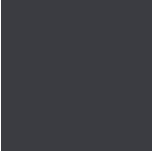
Dichromacy



Original Color
3A3D3D

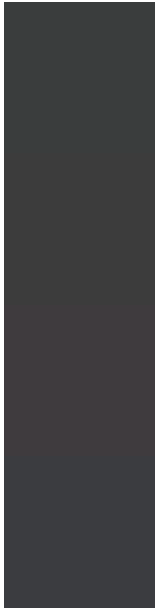
Protanopia
3D3C3C

Deuteranopia
423A3E



Tritanopia
3B3C41

Trichromacy



Original Color

3A3D3D

Protanomaly

3C3C3C

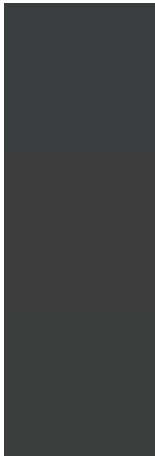
Deuteranomaly

3F3B3E

Tritanomaly

3B3C40

Monochromacy



Original Color

3A3D3D

Achromatopsia

3C3C3C

Achromatomaly

3B3C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3D3D 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 #3A3D3D looks like.

```
.text, #text, p{  
    color:#3A3D3D  
}
```

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 #3A3D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3D3D
}
```

Border

The CSS property to change the border of an element to Hex 3A3D3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

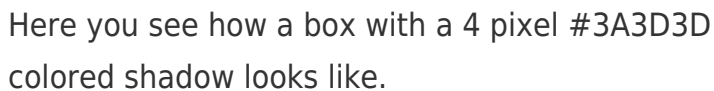
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3D3D }
```

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

```
.border{ border-color:#3A3D3D }
```

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



Here you see how a box with a 4 pixel #3A3D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3D3D; -webkit-box-shadow:4px 4px  
4px 4px #3A3D3D; box-shadow:4px 4px 4px  
4px #3A3D3D }
```

Background

The CSS property to change the background color of an element to Hex 3A3D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3D3D }
```

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

```
.background{ background-color:#3A3D3D }
```

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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