

Converting Colors

Hex(3D4C3D)

Have a look what the booklet for
Hex(3D4C3D) contains.

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Color

Hex(3D4C3D)

Conversions

Conversions Part 1

Format	Color
Hex	3D4C3D
RGB	61, 76, 61
RGB Percent	24%, 30%, 24%
CMY	0.7608, 0.7020, 0.7608
CMYK	0.20, 0.00, 0.20, 0.70
HSL	120°, 11%, 27%
HSV	120°, 20%, 30%
XYZ	5.3512, 6.4979, 5.3871
YIQ	69.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

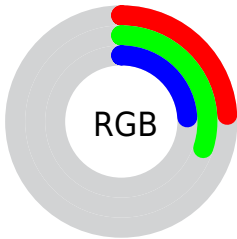
Format	Color
RYB	61, 76, 76
Decimal	4017213
CIELab	30.64, -9.38, 6.98
CIElCh	31, 11.694, 143.330
Yxy	6.4979, 0.3105, 0.3770
Android (android.graphics.Color)	4282207293 (0xFF3D4C3D)
YUV	69.8050, -4.3409, -7.7220
Hunter-Lab	25.4910, -7.1375, 5.3138

Details

The Hex color **3D4C3D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C3D4C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6D7D6C**, and **132013** is the 20% darker color. If you saturate the color by 10%, you get **354C35**, and if you desaturate by 10%, it is **454C45**.

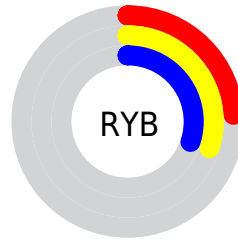
Distribution



 Red (24%)

 Green (30%)

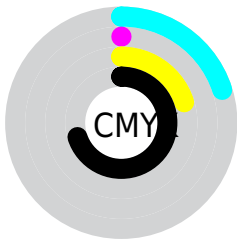
 Blue (24%)



 Red (24%)

 Yellow (30%)

 Blue (30%)

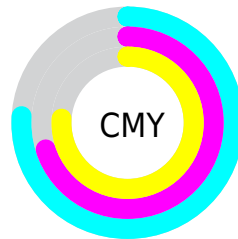


 Cyan (20%)

 Magenta (0%)

 Yellow (20%)

 Black (70%)



 Cyan (76%)

 Magenta (70%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4C3D 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 3D4C3D by changing the saturation by 10% instead.



3D4C3D



3D4C3D

FFFFFF



273527



6D7D6C



132013



869786



000400



A0B1A0



000000



BBCDBB



D7E9D7



F3FFF3



3D4C3D



3D4C3D



354C35



454C45

■ 2E4C2E

■ 4C4C4C

■ 264C26

■ 544C54

■ 1F4C1F

■ 5B4C5B

■ 174C17

■ 634C63

■ 0F4C0F

■ 6B4C6B

■ 084C08

■ 724C72

■ 004C00

■ 7A4C7A

■ 814C81

Harmonies

Analogous

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



474A37



3D4C3D



344D46

Triad

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



3D4C3D



3B4A5A



5B4241

Complementary

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



3D4C3D



4C3D4C

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.



59424B



3D4C3D



474659

Square

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



3D4C3D



314C56



524453



58443A

Rectangle

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



3D4C3D



304D4C



524453



5B4244

Sweetspot

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



3D4C3D



5D635D



4C4C3D



2F332F



B3B3B3



333333

Same Dimension

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



3D4C3D



4C634C



3D4C45



222622



006600



00E600

Inverse Universe

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



4C3D4C



634C63



4C3D45



262226



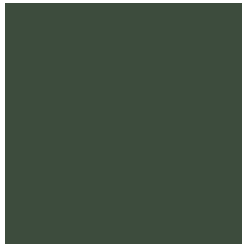
660066



E600E6

Previews

White Background



This preview shows how the Hex color 3D4C3D looks on a white background.

Color Contrast Check

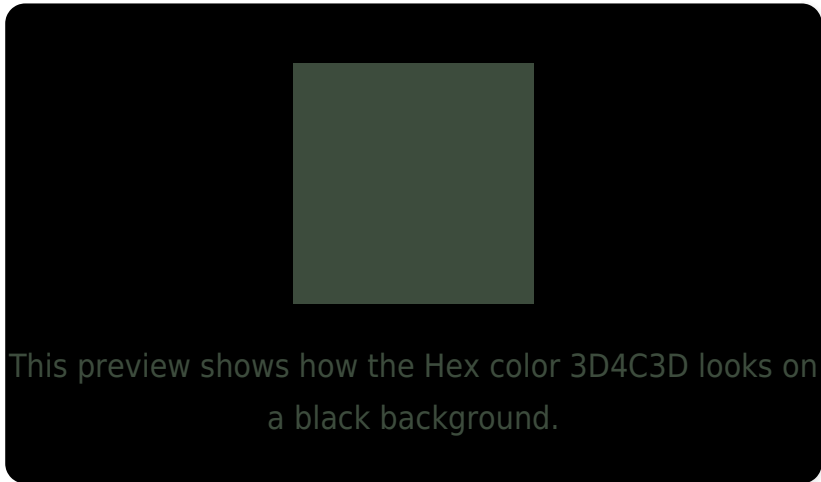
Large Text (above 18pt) WCAG AA ✓ Pass

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

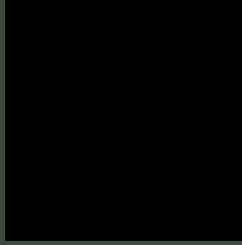
Any Text WCAG AA × Fail

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 3D4C3D Background



This preview shows how black text looks on a background with the Hex color 3D4C3D.



This preview shows how white text looks on a background with the Hex color 3D4C3D.

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](#).

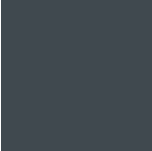
Dichromacy



Original Color
3D4C3D

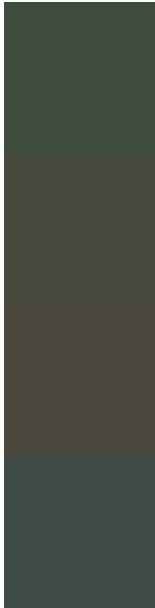
Protanopia
4C483B

Deuteranopia
52453E



Tritanopia
40494F

Trichromacy



Original Color
3D4C3D

Protanomaly
47493C

Deuteranomaly
4A483E

Tritanomaly
3F4A48

Monochromacy



Original Color
3D4C3D

Achromatopsia
464646

Achromatomaly
434843

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4C3D 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 #3D4C3D looks like.

```
.text, #text, p{  
    color:#3D4C3D  
}
```

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 #3D4C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4C3D
}
```

Border

The CSS property to change the border of an element to Hex 3D4C3D 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".

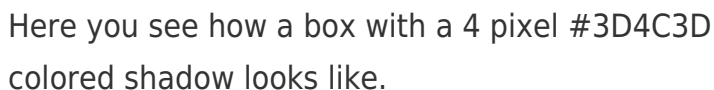
```
.border, #border, table{ border:4px solid
#3D4C3D }
```

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

```
.border{ border-color:#3D4C3D }
```

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

Here you see how a box with a 4 pixel #3D4C3D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4C3D; -webkit-box-shadow:4px 4px  
4px 4px #3D4C3D; box-shadow:4px 4px 4px  
4px #3D4C3D }
```

Background

The CSS property to change the background color of an element to Hex 3D4C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4C3D }
```

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

```
.background{ background-color:#3D4C3D }
```

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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