

Converting Colors

Hex(3D3E47)

Have a look what the booklet for
Hex(3D3E47) contains.

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Color

Hex(3D3E47)

Conversions

Conversions Part 1

Format	Color
Hex	3D3E47
RGB	61, 62, 71
RGB Percent	24%, 24%, 28%
CMY	0.7608, 0.7569, 0.7216
CMYK	0.14, 0.13, 0.00, 0.72
HSL	234°, 8%, 26%
HSV	234°, 14%, 28%
XYZ	4.7844, 4.8923, 6.6534
YIQ	62.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

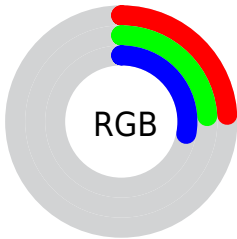
Format	Color
RYB	61, 62, 71
Decimal	4013639
CIELab	26.43, 1.75, -5.63
CIElCh	26, 5.892, 287.235
Yxy	4.8923, 0.2930, 0.2996
Android (android.graphics.Color)	4282203719 (0xFF3D3E47)
YUV	62.7270, 4.0786, -1.5146
Hunter-Lab	22.1185, -0.0963, -2.3518

Details

The Hex color **3D3E47** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47463D**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6C6D77**, and **13141C** is the 20% darker color. If you saturate the color by 10%, you get **363847**, and if you desaturate by 10%, it is **444447**.

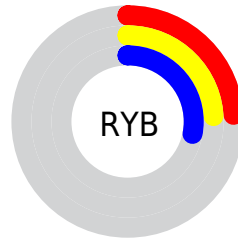
Distribution



Red (24%)

Green (24%)

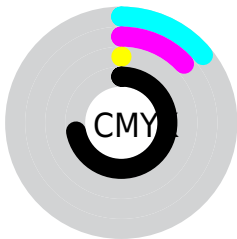
Blue (28%)



Red (24%)

Yellow (24%)

Blue (28%)

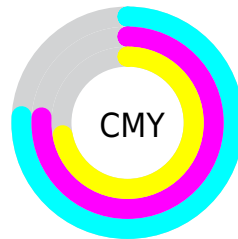


Cyan (14%)

Magenta (13%)

Yellow (0%)

Black (72%)



Cyan (76%)

Magenta (76%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3E47 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 3D3E47 by changing the saturation by 10% instead.



3D3E47



3D3E47

FFFFFF



272831



6C6D77



13141C



868791



000000



A0A1AC



BBBCC7



D7D8E3



F3F4FF



3D3E47



3D3E47



363847



444447

■ 2F3147

■ 4B4B47

■ 282B47

■ 525147

■ 212447

■ 595847

■ 191E47

■ 615E47

■ 121847

■ 686447

■ 0B1147

■ 6F6B47

■ 040B47

■ 767147

■ 000747

■ 7D7847

Harmonies

Analogous

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



383F47



3D3E47



423D45

Triad

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



3D3E47



473C38



36413C

Complementary

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



3D3E47



47463D

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.



3A4038



3D3E47



443E36

Square

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



3D3E47



483C3C



3F3F36



334141

Rectangle

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



3D3E47



453C42



3F3F36



37413B

Sweetspot

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



3D3E47



58585C



3D4746



2C2C2E



ADADAD



2E2E2E

Same Dimension

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



3D3E47



4C4E5C



413D47



202024



000A63



0017E3

Inverse Universe

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



473D3E



5C4C4E



43473D



242020



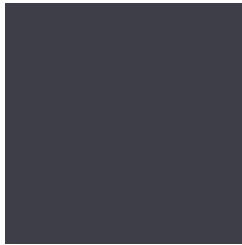
63000A



E30017

Previews

White Background



This preview shows how the Hex color 3D3E47 looks on a white background.

Color Contrast Check

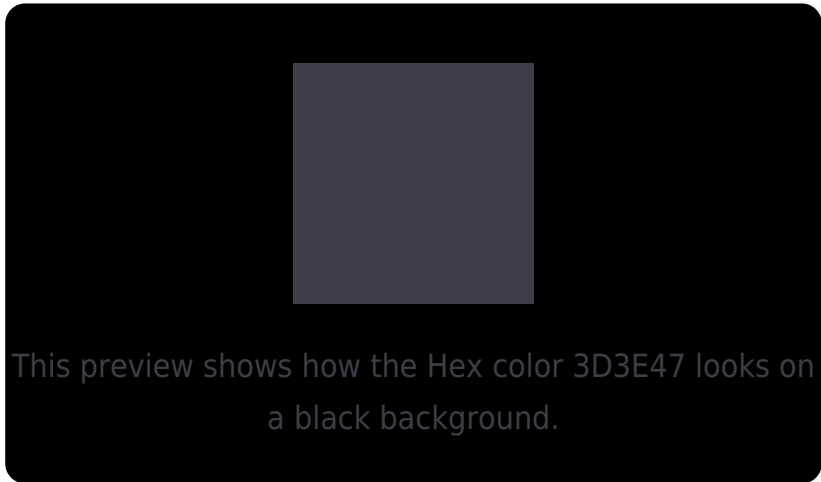
Large Text (above 18pt) WCAG AA ✓ Pass

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

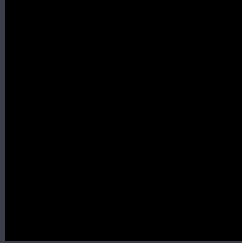
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

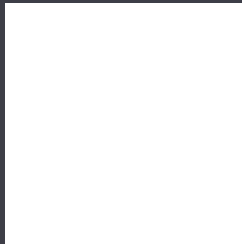
Any Text WCAG AAA × Fail

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

Hex 3D3E47 Background



This preview shows how black text looks on a background with the Hex color 3D3E47.



This preview shows how white text looks on a background with the Hex color 3D3E47.

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
3D3E47

Protanopia
3D3E47

Deuteranopia
403D47



Tritanopia
3C3F44

Trichromacy



Original Color

3D3E47

Protanomaly

3D3E47

Deuteranomaly

3F3D47

Tritanomaly

3C3F45

Monochromacy



Original Color

3D3E47

Achromatopsia

3F3F3F

Achromatomaly

3E3F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3E47 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 #3D3E47 looks like.

```
.text, #text, p{  
    color:#3D3E47  
}
```

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 #3D3E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3E47  
}
```

Border

The CSS property to change the border of an element to Hex 3D3E47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

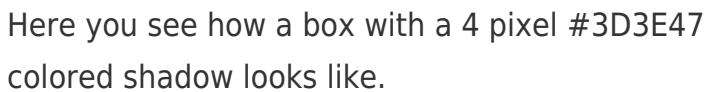
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3D3E47 }
```

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

```
.border{ border-color:#3D3E47 }
```

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



Here you see how a box with a 4 pixel #3D3E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3E47; -webkit-box-shadow:4px 4px  
4px 4px #3D3E47; box-shadow:4px 4px 4px  
4px #3D3E47 }
```

Background

The CSS property to change the background color of an element to Hex 3D3E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3E47 }
```

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

```
.background{ background-color:#3D3E47 }
```

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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