

Converting Colors

Hex(3D3A47)

Have a look what the booklet for
Hex(3D3A47) contains.

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Color

Hex(3D3A47)

Conversions

Conversions Part 1

Format	Color
Hex	3D3A47
RGB	61, 58, 71
RGB Percent	24%, 23%, 28%
CMY	0.7608, 0.7725, 0.7216
CMYK	0.14, 0.18, 0.00, 0.72
HSL	254°, 10%, 25%
HSV	254°, 18%, 28%
XYZ	4.5749, 4.4731, 6.5835
YIQ	60.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

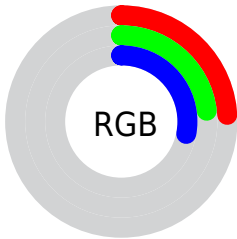
Format	Color
RYB	61, 58, 71
Decimal	4012615
CIELab	25.18, 4.39, -7.50
CIELCh	25, 8.692, 300.327
Yxy	4.4731, 0.2927, 0.2862
Android (android.graphics.Color)	4282202695 (0xFF3D3A47)
YUV	60.3790, 5.2362, 0.5446
Hunter-Lab	21.1498, 1.5987, -3.6509

Details

The Hex color **3D3A47** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44473A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6C6977**, and **130F1C** is the 20% darker color. If you saturate the color by 10%, you get **383347**, and if you desaturate by 10%, it is **424147**.

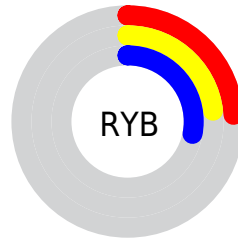
Distribution



 Red (24%)

 Green (23%)

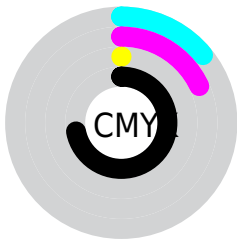
 Blue (28%)



 Red (24%)

 Yellow (23%)

 Blue (28%)

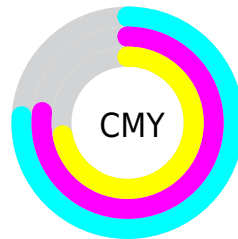


 Cyan (14%)

 Magenta (18%)

 Yellow (0%)

 Black (72%)



 Cyan (76%)

 Magenta (77%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3A47 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 3D3A47 by changing the saturation by 10% instead.

■ 3D3A47

■ 3D3A47

FFFFFF

■ 272431

■ 6C6977

■ 130F1C

■ 868291

■ 000000

■ A09CAC

■ BBB7C7

■ D7D3E3

■ F3EFFF

■ 3D3A47

■ 3D3A47

■ 383347

■ 424147

■ 322C47

■ 484847

■ 2D2547

■ 4D4F47

■ 271E47

■ 535647

■ 221647

■ 585E47

■ 1C0F47

■ 5E6547

■ 170847

■ 636C47

■ 110147

■ 697347

■ 100047

■ 6E7A47

Harmonies

Analogous

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



343C49



3D3A47



443842

Triad

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



3D3A47



463931



2C403C

Complementary

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



3D3A47



44473A

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.



323F35



3D3A47



413B2F

Square

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



3D3A47



493835



3A3D30



2A3F42

Rectangle

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



3D3A47



48373E



3A3D30



2E3F39

Sweetspot

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



3D3A47



58575C



3A4447



2C2B2E



ADADAD



2E2E2E

Same Dimension

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



3D3A47



4C485C



433A47



212024



170063



3400E3

Inverse Universe

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



473A44



5C4857



3E473A



242023



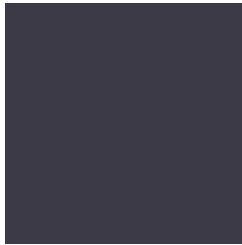
63004D



E300AF

Previews

White Background



This preview shows how the Hex color 3D3A47 looks on a white background.

Color Contrast Check

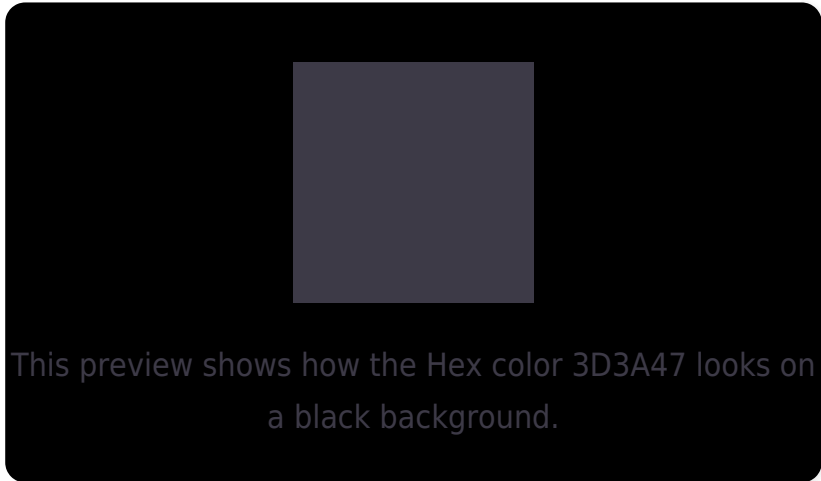
Large Text (above 18pt) WCAG AA ✓ Pass

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

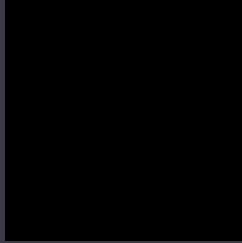
Any Text WCAG AA × Fail

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 3D3A47 Background



This preview shows how black text looks on a background with the Hex color 3D3A47.

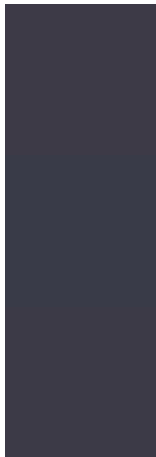


This preview shows how white text looks on a background with the Hex color 3D3A47.

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
3D3A47

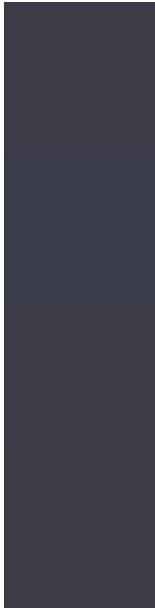
Protanopia
393B48

Deuteranopia
3C3A47



Tritanopia
3C3B40

Trichromacy



Original Color

3D3A47

Protanomaly

3A3B48

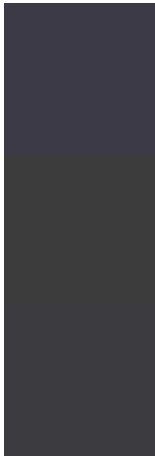
Deuteranomaly

3C3A47

Tritanomaly

3C3B43

Monochromacy



Original Color

3D3A47

Achromatopsia

3C3C3C

Achromatomaly

3C3B40

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3A47 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 #3D3A47 looks like.

```
.text, #text, p{  
    color:#3D3A47  
}
```

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 #3D3A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3A47  
}
```

Border

The CSS property to change the border of an element to Hex 3D3A47 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  
#3D3A47 }
```

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

```
.border{ border-color:#3D3A47 }
```

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

Here you see how a box with a 4 pixel #3D3A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3A47; -webkit-box-shadow:4px 4px  
4px 4px #3D3A47; box-shadow:4px 4px 4px  
4px #3D3A47 }
```

Background

The CSS property to change the background color of an element to Hex 3D3A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3A47 }
```

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

```
.background{ background-color:#3D3A47 }
```

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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