

Converting Colors

Hex(3D475C)

Have a look what the booklet for
Hex(3D475C) contains.

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Color

Hex(3D475C)

Conversions

Conversions Part 1

Format	Color
Hex	3D475C
RGB	61, 71, 92
RGB Percent	24%, 28%, 36%
CMY	0.7608, 0.7216, 0.6392
CMYK	0.34, 0.23, 0.00, 0.64
HSL	221°, 20%, 30%
HSV	221°, 34%, 36%
XYZ	6.1095, 6.2713, 11.0137
YIQ	70.4040, -12.7010, 4.4110

Conversions

Conversions Part 2

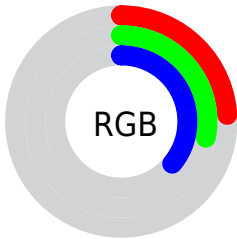
Format	Color
RYB	61, 69, 92
Decimal	4015964
CIELab	30.09, 1.64, -13.73
CIELCh	30, 13.824, 276.811
Yxy	6.2713, 0.2612, 0.2681
Android (android.graphics.Color)	4282206044 (0xFF3D475C)
YUV	70.4040, 10.6468, -8.2473
Hunter-Lab	25.0425, -0.2769, -8.5459

Details

The Hex color **3D475C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5C523D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6D778E**, and **101C2E** is the 20% darker color. If you saturate the color by 10%, you get **34415C**, and if you desaturate by 10%, it is **464D5C**.

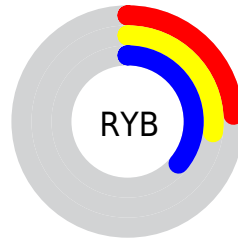
Distribution



Red (24%)

Green (28%)

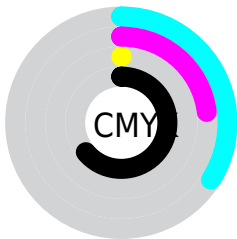
Blue (36%)



Red (24%)

Yellow (27%)

Blue (36%)

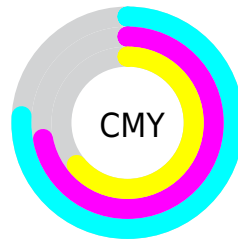


Cyan (34%)

Magenta (23%)

Yellow (0%)

Black (64%)



Cyan (76%)

Magenta (72%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D475C 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 3D475C by changing the saturation by 10% instead.

■ 3D475C

■ 3D475C

FFFFFF

■ 263144

■ 6D778E

■ 101C2E

■ 8791A9

■ 00001A

■ A1ABC4

■ 000000

■ BDC7E0

■ D8E3FD

■ F5FFFF

■ 3D475C

■ 3D475C

■ 34415C

■ 464D5C

■ 2B3B5C

■ 4F535C

■ 21345C

■ 595A5C

■ 182E5C

■ 62605C

■ 0F285C

■ 6B665C

■ 06225C

■ 746C5C

■ 001E5C

■ 7D735C

■ 87795C

■ 907F5C

Harmonies

Analogous

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



2F4A5A



3D475C



4C4358

Triad

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



3D475C



5C403A



344C3E

Complementary

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



3D475C



5C523D

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.



404A35



3D475C



564333

Square

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



3D475C



5C3F45



4C4732



2A4D49

Rectangle

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



3D475C



544153



4C4732



384C3B

Sweetspot

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



3D475C



6C7078



3D5C52



36383D



BDBDBD



3D3D3D

Same Dimension

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



3D475C



485778



423D5C



292B2E



00236E



004DED

Inverse Universe

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



5C3D47



784857



575C3D



2E292B



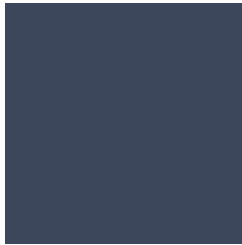
6E0023



ED004D

Previews

White Background



This preview shows how the Hex color 3D475C looks on a white background.

Color Contrast Check

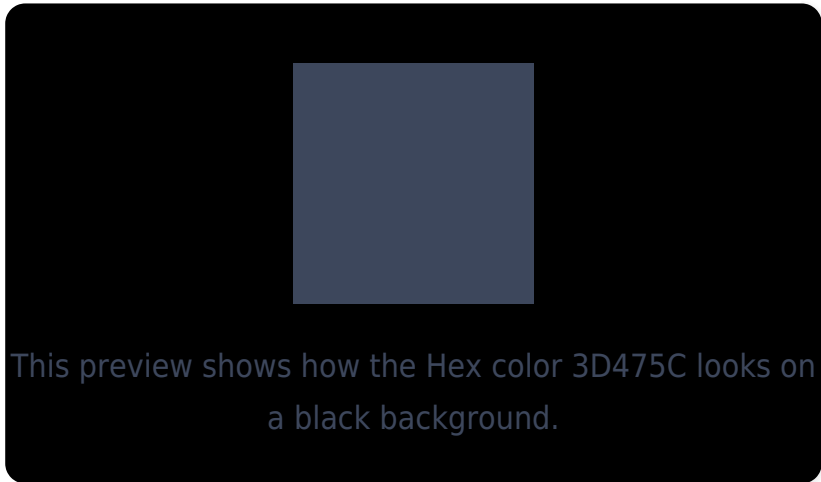
Large Text (above 18pt) WCAG AA ✓ Pass

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

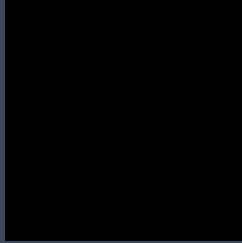
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

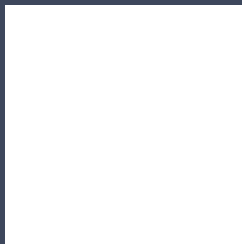
Any Text WCAG AAA × Fail

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

Hex 3D475C Background



This preview shows how black text looks on a background with the Hex color 3D475C.

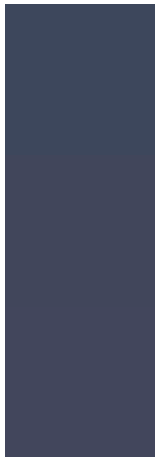


This preview shows how white text looks on a background with the Hex color 3D475C.

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](#).

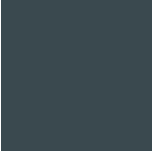
Dichromacy



Original Color
3D475C

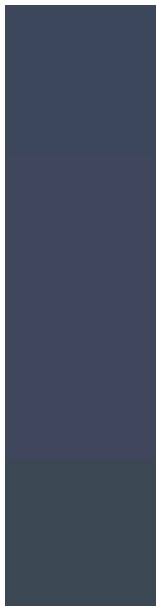
Protanopia
41465B

Deuteranopia
42465C



Tritanopia
3A494F

Trichromacy



Original Color

3D475C

Protanomaly

40465B

Deuteranomaly

40465C

Tritanomaly

3B4854

Monochromacy



Original Color

3D475C

Achromatopsia

464646

Achromatomaly

43464E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D475C 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 #3D475C looks like.

```
.text, #text, p{  
    color:#3D475C  
}
```

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 #3D475C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D475C
}
```

Border

The CSS property to change the border of an element to Hex 3D475C is called "border". The border property can be set on classes, ids or directly on the HTML element.

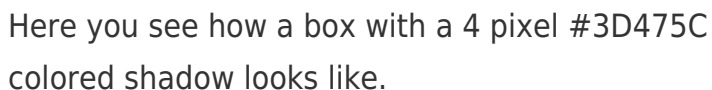
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D475C }
```

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

```
.border{ border-color:#3D475C }
```

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



Here you see how a box with a 4 pixel #3D475C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D475C; -webkit-box-shadow:4px 4px  
4px 4px #3D475C; box-shadow:4px 4px 4px  
4px #3D475C }
```

Background

The CSS property to change the background color of an element to Hex 3D475C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D475C }
```

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

```
.background{ background-color:#3D475C }
```

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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