

Converting Colors

Hex(3D404C)

Have a look what the booklet for
Hex(3D404C) contains.

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Color

Hex(3D404C)

Conversions

Conversions Part 1

Format	Color
Hex	3D404C
RGB	61, 64, 76
RGB Percent	24%, 25%, 30%
CMY	0.7608, 0.7490, 0.7020
CMYK	0.20, 0.16, 0.00, 0.70
HSL	228°, 11%, 27%
HSV	228°, 20%, 30%
XYZ	5.0624, 5.1807, 7.5706
YIQ	64.4710, -5.6400, 3.0960

Conversions

Conversions Part 2

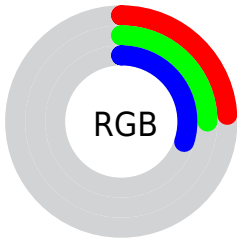
Format	Color
RYB	61, 64, 76
Decimal	4014156
CIELab	27.24, 1.73, -7.68
CIElCh	27, 7.875, 282.680
Yxy	5.1807, 0.2842, 0.2908
Android (android.graphics.Color)	4282204236 (0xFF3D404C)
YUV	64.4710, 5.6838, -3.0441
Hunter-Lab	22.7611, -0.1313, -3.7878

Details

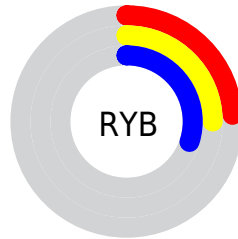
The Hex color **3D404C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C493D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6D707D**, and **131620** is the 20% darker color. If you saturate the color by 10%, you get **353A4C**, and if you desaturate by 10%, it is **45464C**.

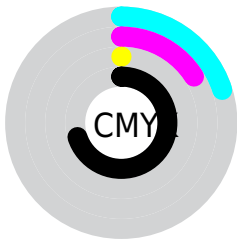
Distribution



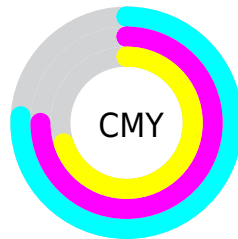
- Red (24%)
- Green (25%)
- Blue (30%)



- Red (24%)
- Yellow (25%)
- Blue (30%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)
- Black (70%)



- Cyan (76%)
- Magenta (75%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D404C 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 3D404C by changing the saturation by 10% instead.

■ 3D404C

■ 3D404C

FFFFFF

■ 272A35

■ 6D707D

■ 131620

■ 868997

■ 000007

■ A0A3B1

■ 000000

■ BBBECD

■ D7DAE9

■ F3F7FF

■ 3D404C

■ 3D404C

■ 353A4C

■ 45464C

■ 2E344C

■ 4C4C4C

■ 262E4C

■ 54524C

■ 1F284C

■ 5B584C

■ 17224C

■ 635E4C

■ 0F1C4C

■ 6B644C

■ 08154C

■ 726B4C

■ 000F4C

■ 7A714C

■ 81774C

Harmonies

Analogous

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



36424C



3D404C



453E49

Triad

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



3D404C



4C3D38



35443D

Complementary

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



3D404C



4C493D

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.



3C4237



3D404C



483F35

Square

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



3D404C



4D3C3E



424135



314443

Rectangle

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



3D404C



493D46



424135



37433B

Sweetspot

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



3D404C



5D5F63



3D4C49



2F3033



B3B3B3



333333

Same Dimension

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



3D404C



4C5063



423D4C



222326



001466



002EE6

Inverse Universe

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



4C3D40



634C50



484C3D



262223



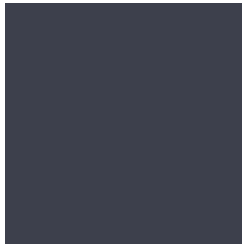
660014



E6002E

Previews

White Background



This preview shows how the Hex color 3D404C looks on a white background.

Color Contrast Check

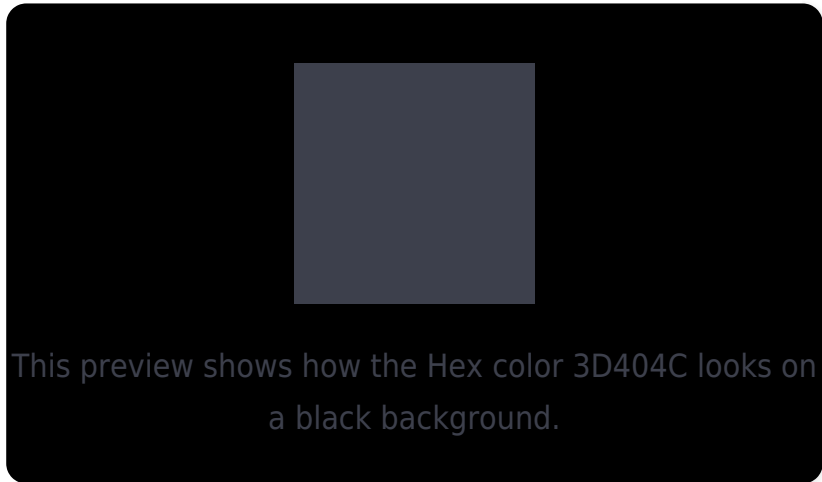
Large Text (above 18pt) WCAG AA ✓ Pass

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

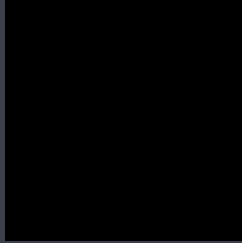
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

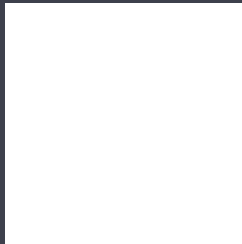
Any Text WCAG AAA × Fail

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

Hex 3D404C Background



This preview shows how black text looks on a background with the Hex color 3D404C.

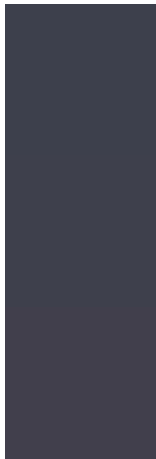


This preview shows how white text looks on a background with the Hex color 3D404C.

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](#).

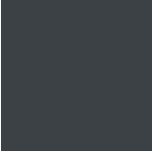
Dichromacy



Original Color
3D404C

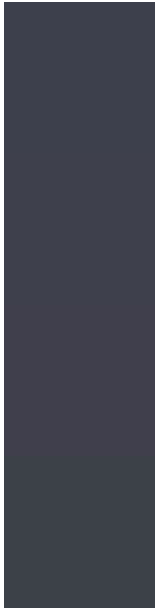
Protanopia
3E404C

Deuteranopia
413F4C



Tritanopia
3C4146

Trichromacy



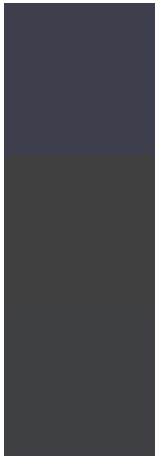
Original Color
3D404C

Protanomaly
3E404C

Deuteranomaly
403F4C

Tritanomaly
3C4148

Monochromacy



Original Color
3D404C

Achromatopsia
404040

Achromatomaly
3F4044

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D404C 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 #3D404C looks like.

```
.text, #text, p{  
    color:#3D404C  
}
```

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 #3D404C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D404C
}
```

Border

The CSS property to change the border of an element to Hex 3D404C is called "border". The border property can be set on classes, ids or directly on the HTML element.

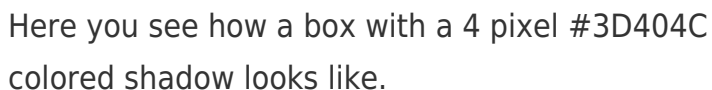
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D404C }
```

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

```
.border{ border-color:#3D404C }
```

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



Here you see how a box with a 4 pixel #3D404C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D404C; -webkit-box-shadow:4px 4px  
4px 4px #3D404C; box-shadow:4px 4px 4px  
4px #3D404C }
```

Background

The CSS property to change the background color of an element to Hex 3D404C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D404C }
```

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

```
.background{ background-color:#3D404C }
```

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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