

Converting Colors

Hex(40404E)

Have a look what the booklet for
Hex(40404E) contains.

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Color

Hex(40404E)

Conversions

Conversions Part 1

Format	Color
Hex	40404E
RGB	64, 64, 78
RGB Percent	25%, 25%, 31%
CMY	0.7490, 0.7490, 0.6941
CMYK	0.18, 0.18, 0.00, 0.69
HSL	240°, 10%, 28%
HSV	240°, 18%, 31%
XYZ	5.3229, 5.3068, 7.9515
YIQ	65.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

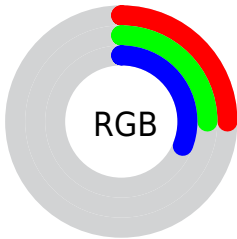
Format	Color
RYB	64, 64, 78
Decimal	4210766
CIELab	27.59, 3.40, -8.44
CIELCh	28, 9.099, 291.950
Yxy	5.3068, 0.2865, 0.2856
Android (android.graphics.Color)	4282400846 (0xFF40404E)
YUV	65.5960, 6.1152, -1.3997
Hunter-Lab	23.0366, 0.9307, -4.3394

Details

The Hex color **40404E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E4E40**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **70707F**, and **151622** is the 20% darker color. If you saturate the color by 10%, you get **38384E**, and if you desaturate by 10%, it is **48484E**.

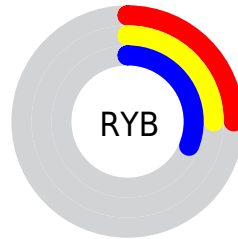
Distribution



 Red (25%)

 Green (25%)

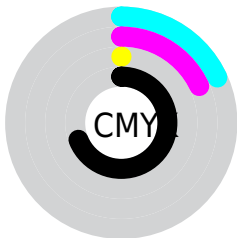
 Blue (31%)



 Red (25%)

 Yellow (25%)

 Blue (31%)

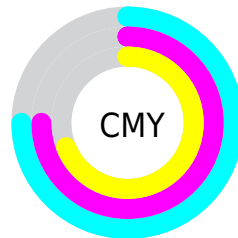


 Cyan (18%)

 Magenta (18%)

 Yellow (0%)

 Black (69%)



 Cyan (75%)

 Magenta (75%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40404E 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 40404E by changing the saturation by 10% instead.

■ 40404E

■ 40404E

FFFFFF

■ 2A2A37

■ 70707F

■ 151622

■ 898999

■ 00000A

■ A4A3B4

■ 000000

■ BFBECE

■ DBDAEB

■ F7F7FF

■ 40404E

■ 40404E

■ 38384E

■ 48484E

■ 30304E

■ 50504E

■ 29294E

■ 57574E

■ 21214E

■ 5F5F4E

■ 19194E

■ 67674E

■ 11114E

■ 6F6F4E

■ 09094E

■ 77774E

■ 02024E

■ 7E7E4E

■ 00004E

■ 86864E

Harmonies

Analogous

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



37424F



40404E



483E4A

Triad

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



40404E



4E3E36



32453F

Complementary

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



40404E



4E4E40

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.



394438



40404E



484033

Square

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



40404E



503C3C



414234



2F4546

Rectangle

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



40404E



4D3D46



414234



34453D

Sweetspot

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



40404E



616166



404E4E



303033



B3B3B3



333333

Same Dimension

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



40404E



505066



47404E



222226



000066



0000E6

Inverse Universe

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



4E404E



665066



474E40



262226



660066



E600E6

Previews

White Background



This preview shows how the Hex color 40404E looks on a white background.

Color Contrast Check

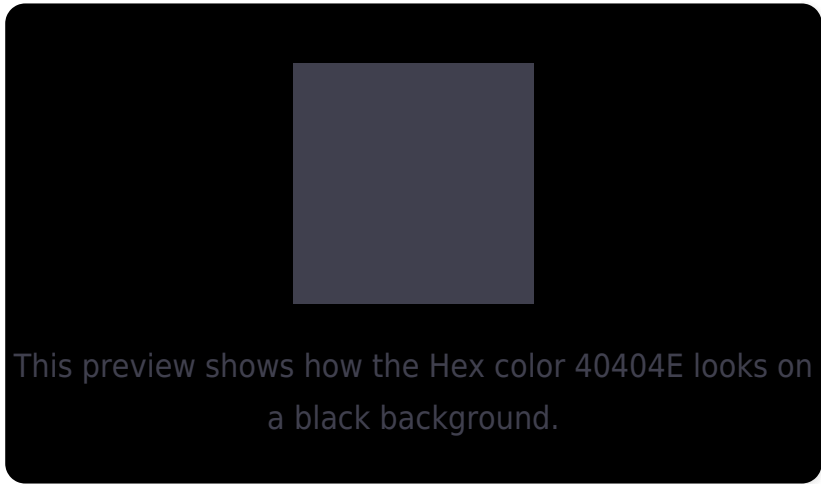
Large Text (above 18pt) WCAG AA ✓ Pass

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 40404E Background



This preview shows how black text looks on a background with the Hex color 40404E.

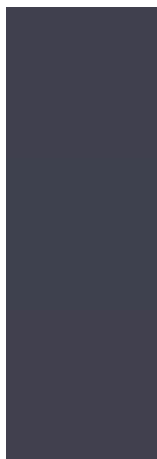


This preview shows how white text looks on a background with the Hex color 40404E.

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](#).

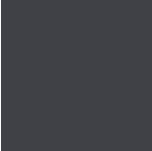
Dichromacy



Original Color
40404E

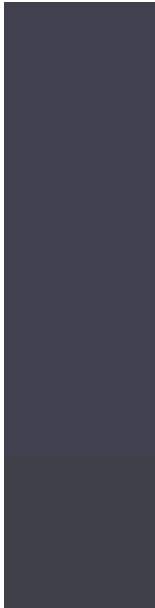
Protanopia
3E414E

Deuteranopia
41404E



Tritanopia
3F4146

Trichromacy



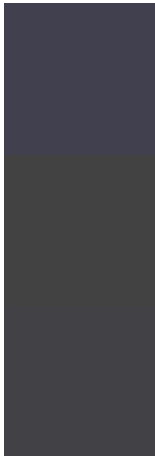
Original Color
40404E

Protanomaly
3F414E

Deuteranomaly
41404E

Tritanomaly
3F4149

Monochromacy



Original Color
40404E

Achromatopsia
424242

Achromatomaly
414146

CSS Examples

Text

The CSS property to change the color of the text to Hex 40404E 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 #40404E looks like.

```
.text, #text, p{  
    color:#40404E  
}
```

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 #40404E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40404E
}
```

Border

The CSS property to change the border of an element to Hex 40404E is called "border". The border property can be set on classes, ids or directly on the HTML element.

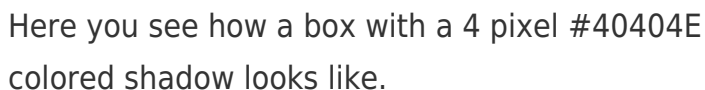
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40404E }
```

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

```
.border{ border-color:#40404E }
```

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



Here you see how a box with a 4 pixel #40404E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40404E; -webkit-box-shadow:4px 4px  
4px 4px #40404E; box-shadow:4px 4px 4px  
4px #40404E }
```

Background

The CSS property to change the background color of an element to Hex 40404E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40404E }
```

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

```
.background{ background-color:#40404E }
```

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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