

Converting Colors

Hex(404C4C)

Have a look what the booklet for
Hex(404C4C) contains.

Hex(404C4C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(404C4C)

Conversions

Conversions Part 1

Format	Color
Hex	404C4C
RGB	64, 76, 76
RGB Percent	25%, 30%, 30%
CMY	0.7490, 0.7020, 0.7020
CMYK	0.16, 0.00, 0.00, 0.70
HSL	180°, 9%, 27%
HSV	180°, 16%, 30%
XYZ	6.0033, 6.7807, 7.8299
YIQ	72.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

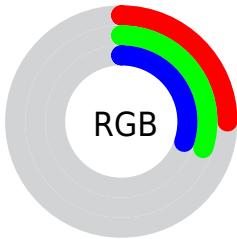
Format	Color
RYB	64, 70, 76
Decimal	4213836
CIELab	31.30, -4.77, -1.61
CIElCh	31, 5.032, 198.699
Yxy	6.7807, 0.2912, 0.3289
Android (android.graphics.Color)	4282403916 (0xFF404C4C)
YUV	72.4120, 1.7689, -7.3773
Hunter-Lab	26.0397, -4.4174, 0.3999

Details

The Hex color **404C4C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C4040**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **707D7D**, and **152020** is the 20% darker color. If you saturate the color by 10%, you get **384C4C**, and if you desaturate by 10%, it is **484C4C**.

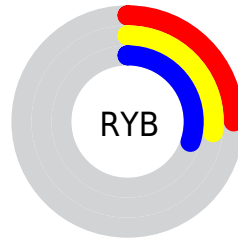
Distribution



 Red (25%)

 Green (30%)

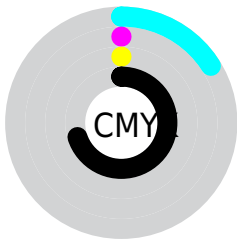
 Blue (30%)




 Red (25%)

 Yellow (27%)

 Blue (30%)

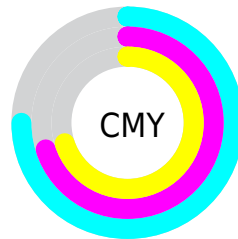


 Cyan (16%)

 Magenta (0%)

 Yellow (0%)

 Black (70%)



 Cyan (75%)

 Magenta (70%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404C4C 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 404C4C by changing the saturation by 10% instead.



404C4C



404C4C

FFFFFF



2A3535



707D7D



152020



899797



000908



A4B1B1



000000



BFCDCD



DBE9E9



F7FFFF



404C4C



404C4C



384C4C



484C4C

■ 314C4C

■ 4F4C4C

■ 294C4C

■ 574C4C

■ 224C4C

■ 5E4C4C

■ 1A4C4C

■ 664C4C

■ 124C4C

■ 6E4C4C

■ 0B4C4C

■ 754C4C

■ 034C4C

■ 7D4C4C

■ 004C4C

■ 844C4C

Harmonies

Analogous

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



424C48



404C4C



414B4F

Triad

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



404C4C



4D484F



4E4942

Complementary

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



404C4C



4C4040

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.



514844



404C4C



51474B

Square

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



404C4C



494951



524747



4A4A42

Rectangle

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



404C4C



434B51



524747



504842

Sweetspot

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



404C4C



5E6363



404C40



303333



B3B3B3



333333

Same Dimension

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



404C4C



516363



40464C



222626



006666



00E6E6

Inverse Universe

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



4C404C



635163



4C4640



262226



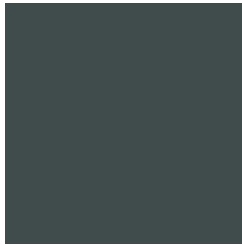
660066



E600E6

Previews

White Background



This preview shows how the Hex color 404C4C looks on a white background.

Color Contrast Check

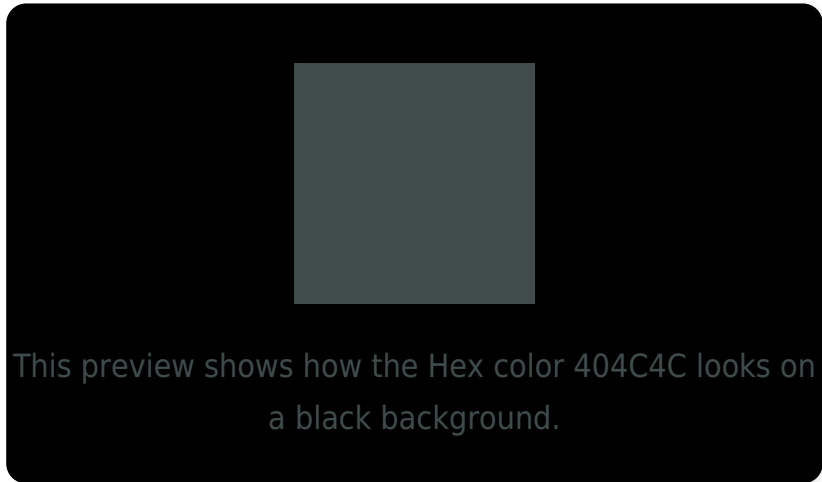
Large Text (above 18pt) WCAG AA ✓ Pass

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

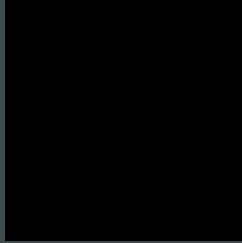
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

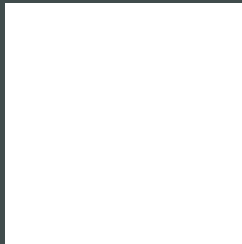
Any Text WCAG AAA × Fail

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

Hex 404C4C Background



This preview shows how black text looks on a background with the Hex color 404C4C.



This preview shows how white text looks on a background with the Hex color 404C4C.

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
404C4C

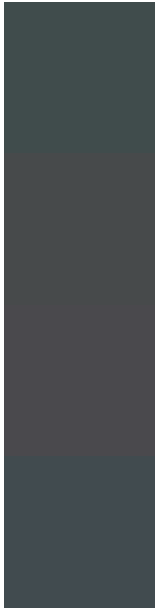
Protanopia
4B494A

Deuteranopia
4F474D



Tritanopia
414B51

Trichromacy



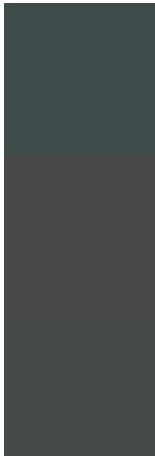
Original Color
404C4C

Protanomaly
474A4B

Deuteranomaly
4A494D

Tritanomaly
414B4F

Monochromacy



Original Color
404C4C

Achromatopsia
484848

Achromatomaly
454949

CSS Examples

Text

The CSS property to change the color of the text to Hex 404C4C 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 #404C4C looks like.

```
.text, #text, p{  
    color:#404C4C  
}
```

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 #404C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404C4C
}
```

Border

The CSS property to change the border of an element to Hex 404C4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

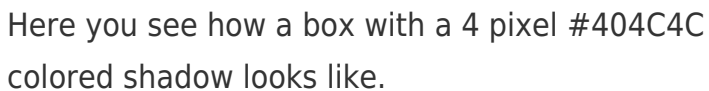
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404C4C }
```

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

```
.border{ border-color:#404C4C }
```

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



Here you see how a box with a 4 pixel #404C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404C4C; -webkit-box-shadow:4px 4px  
4px 4px #404C4C; box-shadow:4px 4px 4px  
4px #404C4C }
```

Background

The CSS property to change the background color of an element to Hex 404C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404C4C }
```

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

```
.background{ background-color:#404C4C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor