

Converting Colors

Hex(404A4F)

Have a look what the booklet for
Hex(404A4F) contains.

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Color

Hex(404A4F)

Conversions

Conversions Part 1

Format	Color
Hex	404A4F
RGB	64, 74, 79
RGB Percent	25%, 29%, 31%
CMY	0.7490, 0.7098, 0.6902
CMYK	0.19, 0.06, 0.00, 0.69
HSL	200°, 10%, 28%
HSV	200°, 19%, 31%
XYZ	5.9744, 6.5521, 8.3469
YIQ	71.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

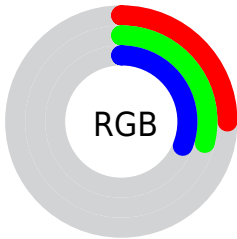
Format	Color
RYB	64, 70, 79
Decimal	4213327
CIELab	30.76, -2.77, -4.33
CIElCh	31, 5.141, 237.416
Yxy	6.5521, 0.2862, 0.3139
Android (android.graphics.Color)	4282403407 (0xFF404A4F)
YUV	71.5800, 3.6581, -6.6477
Hunter-Lab	25.5970, -3.1323, -1.4160

Details

The Hex color **404A4F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4F4540**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **707B80**, and **151E23** is the 20% darker color. If you saturate the color by 10%, you get **38474F**, and if you desaturate by 10%, it is **484D4F**.

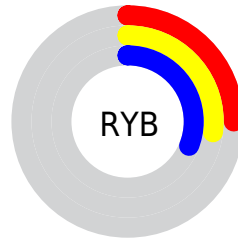
Distribution



Red (25%)

Green (29%)

Blue (31%)



Red (25%)

Yellow (27%)

Blue (31%)

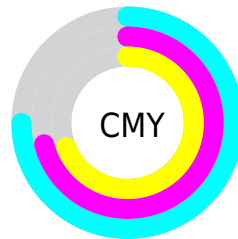


Cyan (19%)

Magenta (6%)

Yellow (0%)

Black (69%)



Cyan (75%)

Magenta (71%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404A4F 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 404A4F by changing the saturation by 10% instead.



404A4F



404A4F

FFFFFF



2A3338



707B80



151E23



89949A



00050D



A4AFB5



000000



BFCAD0



DBE6ED



F7FFFF



404A4F



404A4F



38474F



484D4F

■ 30454F

■ 504F4F

■ 28424F

■ 58524F

■ 203F4F

■ 60554F

■ 183D4F

■ 68574F

■ 113A4F

■ 6F5A4F

■ 09384F

■ 775C4F

■ 01354F

■ 7F5F4F

■ 00354F

■ 87624F

Harmonies

Analogous

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



3E4B4C



404A4F



444950

Triad

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



404A4F



504649



484941

Complementary

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



404A4F



4F4540

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.



4C4840



404A4F



514645

Square

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



404A4F



4D464D



504742



434A44

Rectangle

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



404A4F



474850



504742



494941

Sweetspot

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



404A4F



606466



404F45



2F3233



B3B3B3



333333

Same Dimension

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



404A4F



4F5E66



40434F



222526



004466



0099E6

Inverse Universe

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



4F404A



664F5E



4F4D40



262225



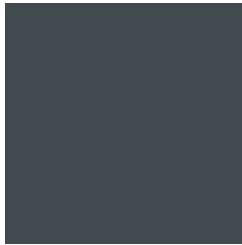
660044



E60099

Previews

White Background



This preview shows how the Hex color 404A4F looks on a white background.

Color Contrast Check

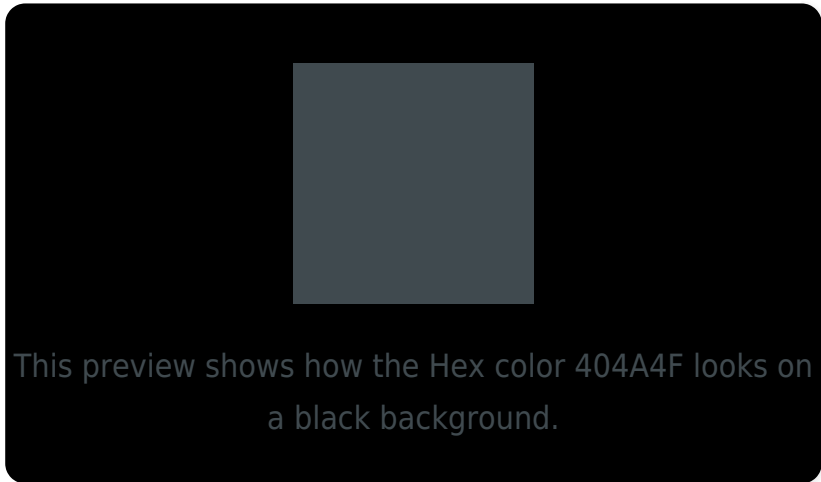
Large Text (above 18pt) WCAG AA ✓ Pass

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

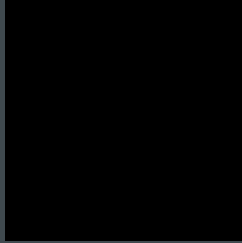
Any Text WCAG AA × Fail

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 404A4F Background



This preview shows how black text looks on a background with the Hex color 404A4F.

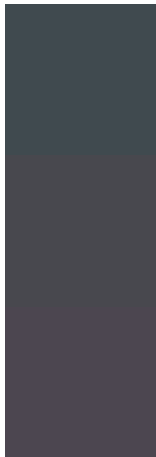


This preview shows how white text looks on a background with the Hex color 404A4F.

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](#).

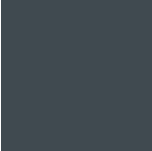
Dichromacy



Original Color
404A4F

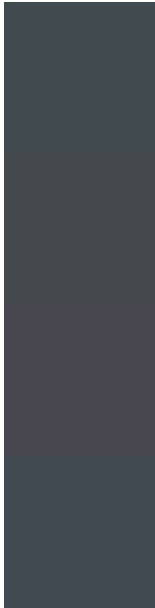
Protanopia
48484E

Deuteranopia
4C4650



Tritanopia
404A50

Trichromacy



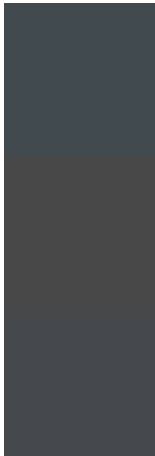
Original Color
404A4F

Protanomaly
45494E

Deuteranomaly
484750

Tritanomaly
404A50

Monochromacy



Original Color
404A4F

Achromatopsia
484848

Achromatomaly
45494B

CSS Examples

Text

The CSS property to change the color of the text to Hex 404A4F 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 #404A4F looks like.

```
.text, #text, p{  
    color:#404A4F  
}
```

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 #404A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404A4F
}
```

Border

The CSS property to change the border of an element to Hex 404A4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

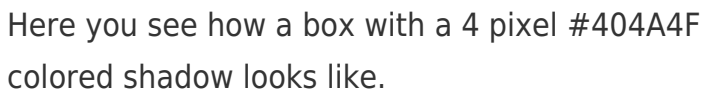
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404A4F }
```

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

```
.border{ border-color:#404A4F }
```

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



Here you see how a box with a 4 pixel #404A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404A4F; -webkit-box-shadow:4px 4px  
4px 4px #404A4F; box-shadow:4px 4px 4px  
4px #404A4F }
```

Background

The CSS property to change the background color of an element to Hex 404A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404A4F }
```

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

```
.background{ background-color:#404A4F }
```

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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