

Converting Colors

Hex(404B51)

Have a look what the booklet for
Hex(404B51) contains.

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Color

Hex(404B51)

Conversions

Conversions Part 1

Format	Color
Hex	404B51
RGB	64, 75, 81
RGB Percent	25%, 29%, 32%
CMY	0.7490, 0.7059, 0.6824
CMYK	0.21, 0.07, 0.00, 0.68
HSL	201°, 12%, 28%
HSV	201°, 21%, 32%
XYZ	6.1156, 6.7162, 8.7586
YIQ	72.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

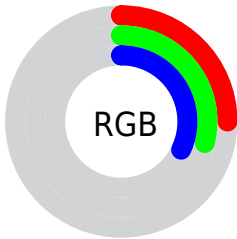
Format	Color
RYB	64, 71, 81
Decimal	4213585
CIELab	31.15, -2.88, -5.04
CIELCh	31, 5.806, 240.213
Yxy	6.7162, 0.2833, 0.3111
Android (android.graphics.Color)	4282403665 (0xFF404B51)
YUV	72.3950, 4.2423, -7.3624
Hunter-Lab	25.9157, -3.2297, -1.8970

Details

The Hex color **404B51** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **514640**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **707C82**, and **151F25** is the 20% darker color. If you saturate the color by 10%, you get **384851**, and if you desaturate by 10%, it is **484E51**.

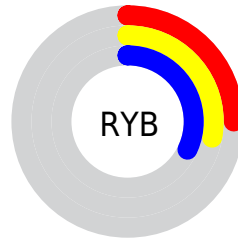
Distribution



Red (25%)

Green (29%)

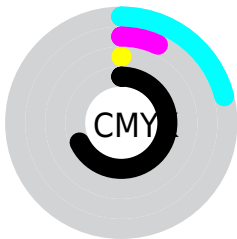
Blue (32%)



Red (25%)

Yellow (28%)

Blue (32%)

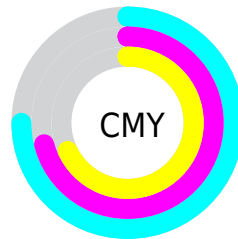


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (68%)



Cyan (75%)

Magenta (71%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404B51 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 404B51 by changing the saturation by 10% instead.



404B51



404B51

FFFFFF



2A343A



707C82



151F25



89969C



00070F



A4B0B7



000000



BFCCD3



DBE8EF



F7FFFF



404B51



404B51



384851



484E51

■ 304551

■ 505151

■ 284251

■ 585451

■ 204051

■ 605651

■ 183D51

■ 695951

■ 0F3A51

■ 715C51

■ 073751

■ 795F51

■ 003451

■ 816251

■ 896551

Harmonies

Analogous

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



3E4C4E



404B51



454A52

Triad

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



404B51



524649



484A41

Complementary

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



404B51



514640

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.



4D4940



404B51



534745

Square

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



404B51



4F474E



514842



434C45

Rectangle

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



404B51



484952



514842



4A4A41

Sweetspot

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



404B51



626669



405146



323436



B5B5B5



363636

Same Dimension

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



404B51



4E5F69



404351



252729



004469



0096E8

Inverse Universe

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



51404B



694E5F



514E40



292527



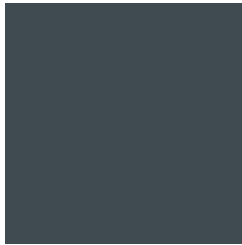
690044



E80096

Previews

White Background



This preview shows how the Hex color 404B51 looks on a white background.

Color Contrast Check

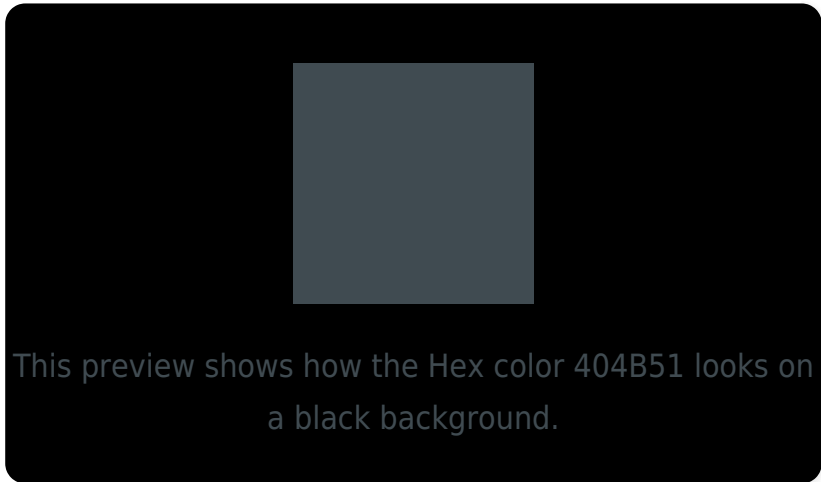
Large Text (above 18pt) WCAG AA ✓ Pass

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

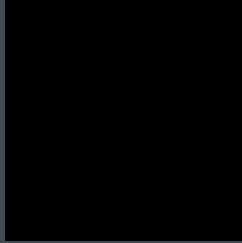
Any Text WCAG AA × Fail

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 404B51 Background



This preview shows how black text looks on a background with the Hex color 404B51.



This preview shows how white text looks on a background with the Hex color 404B51.

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
404B51

Protanopia
494950

Deuteranopia
4C4752



Tritanopia
404B51

Trichromacy



Original Color

404B51

Protanomaly

464A50

Deuteranomaly

484852

Tritanomaly

404B51

Monochromacy



Original Color

404B51

Achromatopsia

484848

Achromatomaly

45494B

CSS Examples

Text

The CSS property to change the color of the text to Hex 404B51 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 #404B51 looks like.

```
.text, #text, p{  
    color:#404B51  
}
```

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 #404B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404B51
}
```

Border

The CSS property to change the border of an element to Hex 404B51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

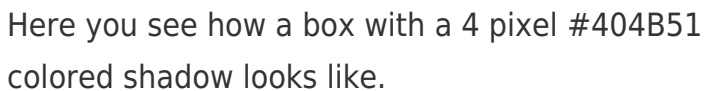
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404B51 }
```

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

```
.border{ border-color:#404B51 }
```

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



Here you see how a box with a 4 pixel #404B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404B51; -webkit-box-shadow:4px 4px  
4px 4px #404B51; box-shadow:4px 4px 4px  
4px #404B51 }
```

Background

The CSS property to change the background color of an element to Hex 404B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404B51 }
```

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

```
.background{ background-color:#404B51 }
```

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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