

Converting Colors

Hex(464853)

Have a look what the booklet for
Hex(464853) contains.

Hex(464853)	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(464853)

Conversions

Conversions Part 1

Format	Color
Hex	464853
RGB	70, 72, 83
RGB Percent	27%, 28%, 33%
CMY	0.7255, 0.7176, 0.6745
CMYK	0.16, 0.13, 0.00, 0.67
HSL	231°, 8%, 30%
HSV	231°, 16%, 33%
XYZ	6.4045, 6.5614, 9.1125
YIQ	72.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

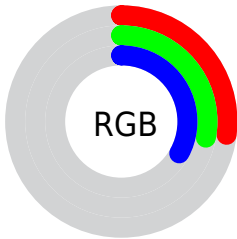
Format	Color
R_{YB}	70, 72, 83
Decimal	4606035
CIE Lab	30.79, 1.80, -6.82
CIE LCh	31, 7.049, 284.762
Yxy	6.5614, 0.2901, 0.2972
Android (android.graphics.Color)	4282796115 (0xFF464853)
YUV	72.6560, 5.0996, -2.3293
Hunter-Lab	25.6151, -0.1966, -3.1617

Details

The Hex color **464853** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **535146**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **767884**, and **1B1D26** is the 20% darker color. If you saturate the color by 10%, you get **3E4153**, and if you desaturate by 10%, it is **4E4F53**.

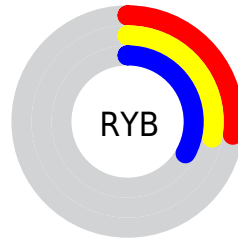
Distribution



Red (27%)

Green (28%)

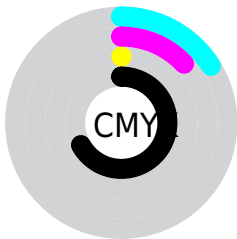
Blue (33%)



Red (27%)

Yellow (28%)

Blue (33%)

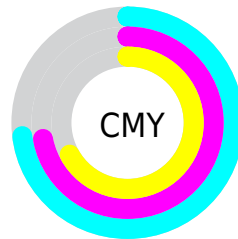


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (72%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464853 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 464853 by changing the saturation by 10% instead.

■ 464853

■ 464853

FFFFFF

■ 30323C

■ 767884

■ 1B1D26

■ 90929F

■ 000212

■ ABADB9

■ 000000

■ C6C8D5

■ E2E4F2

■ 464853

■ 464853

■ 3E4153

■ 4E4F53

■ 353A53

■ 575653

■ 2D3353

■ 5F5D53

■ 252C53

■ 676453

■ 1D2553

■ 6F6B53

■ 141E53

■ 787253

■ 0C1753

■ 807953

■ 041053

■ 888053

■ 000D53

■ 918753

Harmonies

Analogous

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



3F4A53



464853



4D4650

Triad

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



464853



534641



3E4C45

Complementary

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



464853



535146

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.



444B41



464853



50473E

Square

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



464853



544546



4A493E



3B4C4B

Rectangle

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



464853



51454D



4A493E



404B44

Sweetspot

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



464853



66676B



465351



323336



B5B5B5



363636

Same Dimension

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



464853



575A6B



4A4653



252529



001069



0024E8

Inverse Universe

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



534648



6B575A



4F5346



292525



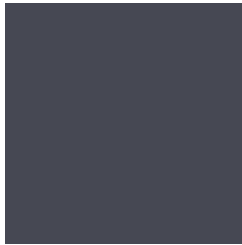
690010



E80024

Previews

White Background



This preview shows how the Hex color 464853 looks on a white background.

Color Contrast Check

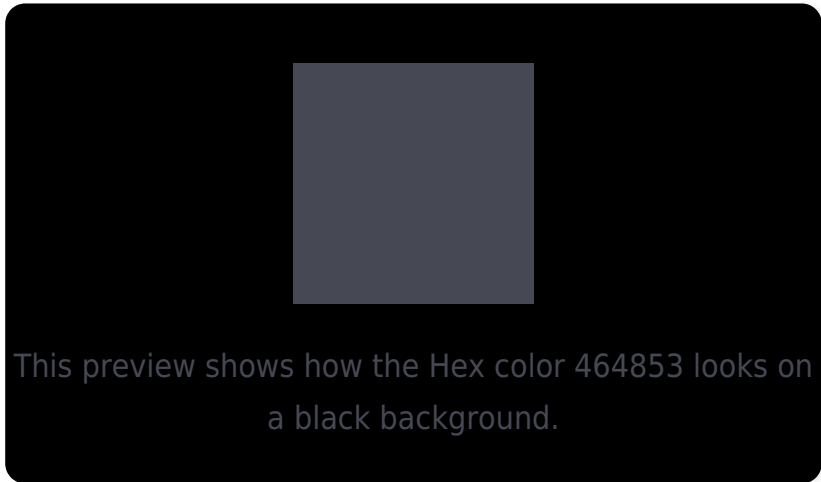
Large Text (above 18pt) WCAG AA ✓ Pass

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 464853 Background



This preview shows how black text looks on a background with the Hex color 464853.

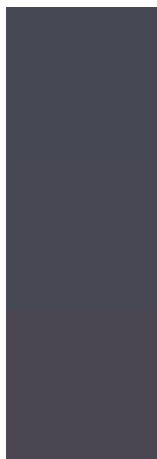


This preview shows how white text looks on a background with the Hex color 464853.

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](#).

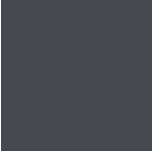
Dichromacy



Original Color
464853

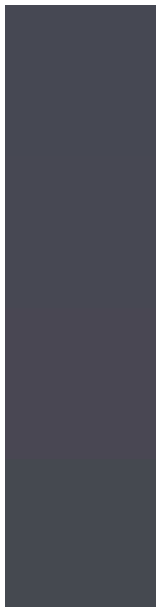
Protanopia
474853

Deuteranopia
4A4753



Tritanopia
45494F

Trichromacy



Original Color

464853

Protanomaly

474853

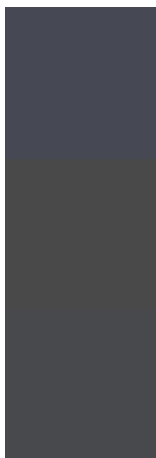
Deuteranomaly

494753

Tritanomaly

454950

Monochromacy



Original Color

464853

Achromatopsia

494949

Achromatomaly

48494D

CSS Examples

Text

The CSS property to change the color of the text to Hex 464853 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 #464853 looks like.

```
.text, #text, p{  
    color:#464853  
}
```

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 #464853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464853
}
```

Border

The CSS property to change the border of an element to Hex 464853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

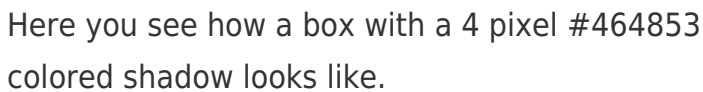
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464853 }
```

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

```
.border{ border-color:#464853 }
```

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



Here you see how a box with a 4 pixel #464853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464853; -webkit-box-shadow:4px 4px  
4px 4px #464853; box-shadow:4px 4px 4px  
4px #464853 }
```

Background

The CSS property to change the background color of an element to Hex 464853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464853 }
```

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

```
.background{ background-color:#464853 }
```

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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