

# Converting Colors

Hex(444855)

Have a look what the booklet for  
Hex(444855) contains.

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# Color

**Hex(444855)**

# Conversions

## Conversions Part 1

Format	Color
Hex	444855
RGB	68, 72, 85
RGB Percent	27%, 28%, 33%
CMY	0.7333, 0.7176, 0.6667
CMYK	0.20, 0.15, 0.00, 0.67
HSL	226°, 11%, 30%
HSV	226°, 20%, 33%
XYZ	6.3410, 6.5196, 9.5185
YIQ	72.2860, -6.5570, 3.1950

# Conversions

## Conversions Part 2

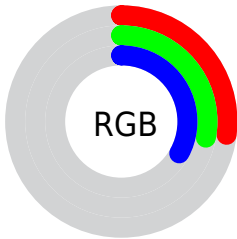
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 71, 85
Decimal	4474965
CIELab	30.69, 1.55, -8.27
CIELCh	31, 8.412, 280.620
Yxy	6.5196, 0.2833, 0.2913
Android (android.graphics.Color)	4282665045 (0xFF444855)
YUV	72.2860, 6.2680, -3.7588
Hunter-Lab	25.5334, -0.3549, -4.2292

# Details

The Hex color **444855** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **555144**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **747887**, and **191D28** is the 20% darker color. If you saturate the color by 10%, you get **3B4255**, and if you desaturate by 10%, it is **4C4E55**.

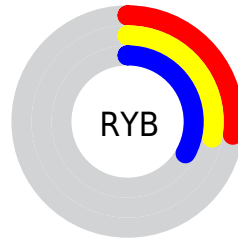
# Distribution



Red (27%)

Green (28%)

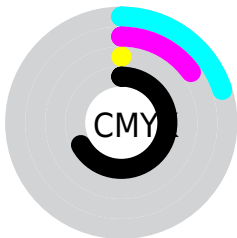
Blue (33%)



Red (27%)

Yellow (28%)

Blue (33%)

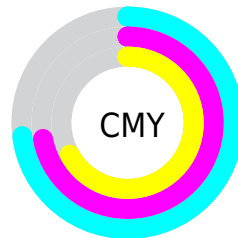


Cyan (20%)

Magenta (15%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (72%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 444855 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 444855 by changing the saturation by 10% instead.





444855



444855

FFFFFF



2E323E



747887



191D28



8E92A1



000214



A8ADBC



000000



C4C8D8



E0E4F4



FCFFFF



444855



444855



3B4255



4C4E55

■ 333B55

■ 555555

■ 2A3455

■ 5E5B55

■ 222E55

■ 666255

■ 192855

■ 6E6855

■ 112155

■ 776F55

■ 081A55

■ 7F7555

■ 001455

■ 887C55

■ 908255

# Harmonies

## Analogous

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



3C4A54



444855



4C4652

# Triad

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



444855



554540



3C4C44

# Complementary

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



444855



555144

# 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.



444A3E



444855



51463C

# Square

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



444855



564446



4B493B



384C4A

# Rectangle

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



444855



51454F



4B493B



3F4B42



# Sweetspot

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



444855



67696E



445551



343538



B8B8B8



383838



# Same Dimension

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



444855



535A6E



484455



27282B



00196B



0037EB



# Inverse Universe

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



554448



6E535A



515544



2B2728



6B0019

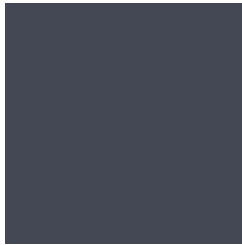


EB0037



# Previews

## White Background



This preview shows how the Hex color 444855 looks on a white background.

## Color Contrast Check

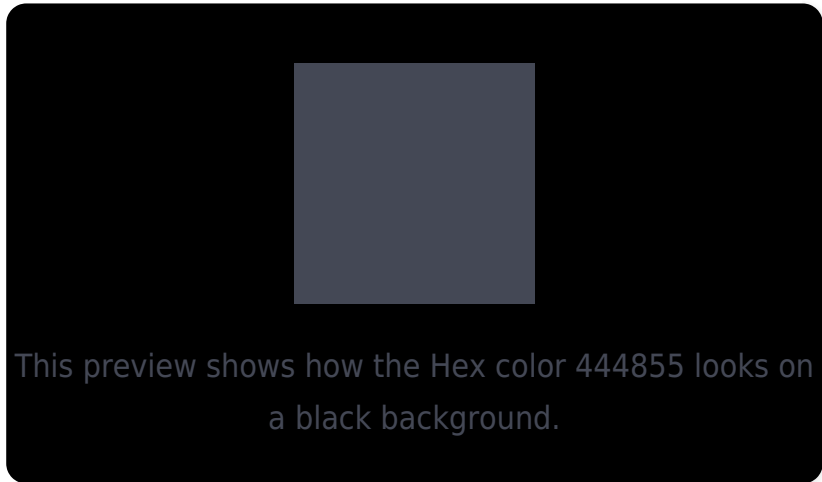
Large Text (above 18pt) WCAG AA ✓ Pass

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

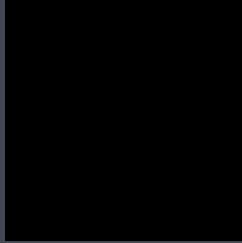
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

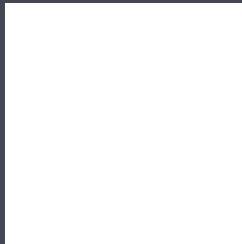
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 444855 Background



This preview shows how black text looks on a background with the Hex color 444855.



This preview shows how white text looks on a background with the Hex color 444855.

# 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**  
444855

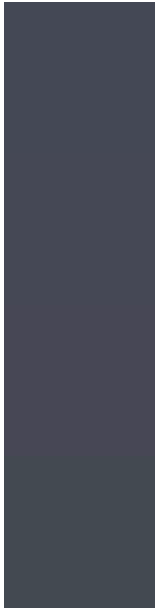
**Protanopia**  
464855

**Deuteranopia**  
494655



**Tritanopia**  
43494F

# Trichromacy



**Original Color**

444855

**Protanomaly**

454855

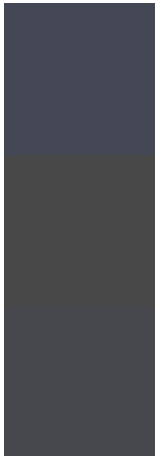
**Deuteranomaly**

474755

**Tritanomaly**

434951

# Monochromacy



**Original Color**

444855

**Achromatopsia**

484848

**Achromatomaly**

47484D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 444855 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 #444855 looks like.

```
.text, #text, p{  
    color:#444855  
}
```

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 #444855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444855
}
```

## Border

The CSS property to change the border of an element to Hex 444855 is called "border". The border property can be set on classes, ids or directly on the HTML element.

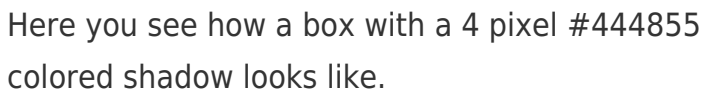
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#444855 }
```

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

```
.border{ border-color:#444855 }
```

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



Here you see how a box with a 4 pixel #444855 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444855; -webkit-box-shadow:4px 4px  
4px 4px #444855; box-shadow:4px 4px 4px  
4px #444855 }
```

# Background

The CSS property to change the background color of an element to Hex 444855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444855 }
```

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

```
.background{ background-color:#444855 }
```

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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