

Converting Colors

Hex(484856)

Have a look what the booklet for
Hex(484856) contains.

Hex(484856)	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(484856)

Conversions

Conversions Part 1

Format	Color
Hex	484856
RGB	72, 72, 86
RGB Percent	28%, 28%, 34%
CMY	0.7176, 0.7176, 0.6627
CMYK	0.16, 0.16, 0.00, 0.66
HSL	240°, 9%, 31%
HSV	240°, 16%, 34%
XYZ	6.6696, 6.6843, 9.7428
YIQ	73.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

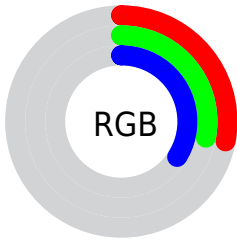
Format	Color
R_{YB}	72, 72, 86
Decimal	4737110
CIE _{Lab}	31.08, 3.31, -8.29
CIE _{LCh}	31, 8.925, 291.791
Yxy	6.6843, 0.2888, 0.2894
Android (android.graphics.Color)	4282927190 (0xFF484856)
YUV	73.5960, 6.1152, -1.3997
Hunter-Lab	25.8541, 0.8029, -4.2448

Details

The Hex color **484856** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **565648**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **797888**, and **1C1D29** is the 20% darker color. If you saturate the color by 10%, you get **3F3F56**, and if you desaturate by 10%, it is **515156**.

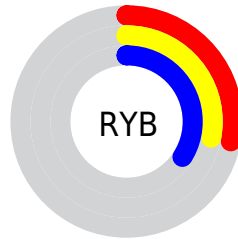
Distribution



 Red (28%)

 Green (28%)

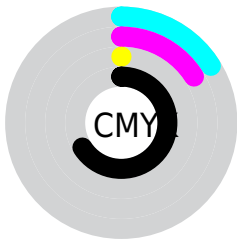
 Blue (34%)




 Red (28%)

 Yellow (28%)

 Blue (34%)

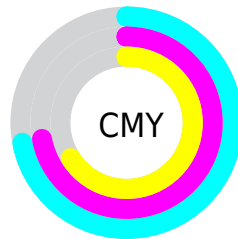



 Cyan (16%)

 Magenta (16%)

 Yellow (0%)

 Black (66%)



 Cyan (72%)

 Magenta (72%)

 Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 484856 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 484856 by changing the saturation by 10% instead.

■ 484856

■ 484856

FFFFFF

■ 31323F

■ 797888

■ 1C1D29

■ 9292A2

■ 030215

■ ADADBD

■ 000000

■ C8C8D9

■ E4E4F5

■ 484856

■ 484856

■ 3F3F56

■ 515156

■ 373756

■ 595956

■ 2E2E56

■ 626256

■ 262656

■ 6A6A56

■ 1D1D56

■ 737356

■ 141456

■ 7C7C56

■ 0C0C56

■ 848456

■ 030356

■ 8D8D56

■ 000056

■ 959556

Harmonies

Analogous

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



3F4A57



484856



504652

Triad

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



484856



56463E



3A4D47

Complementary

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



484856



565648

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.



414C40



484856



51483B

Square

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



484856



584444



494A3C



374D4E

Rectangle

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



484856



55454E



494A3C



3C4D45

Sweetspot

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



484856



6B6B70



485656



353538



B8B8B8



383838

Same Dimension

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



484856



5A5A70



4F4856



27272B



00006B



0000EB

Inverse Universe

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



564856



705A70



4F5648



2B272B



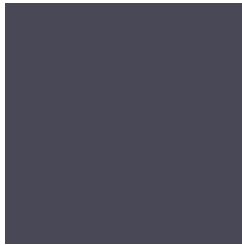
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 484856 looks on a white background.

Color Contrast Check

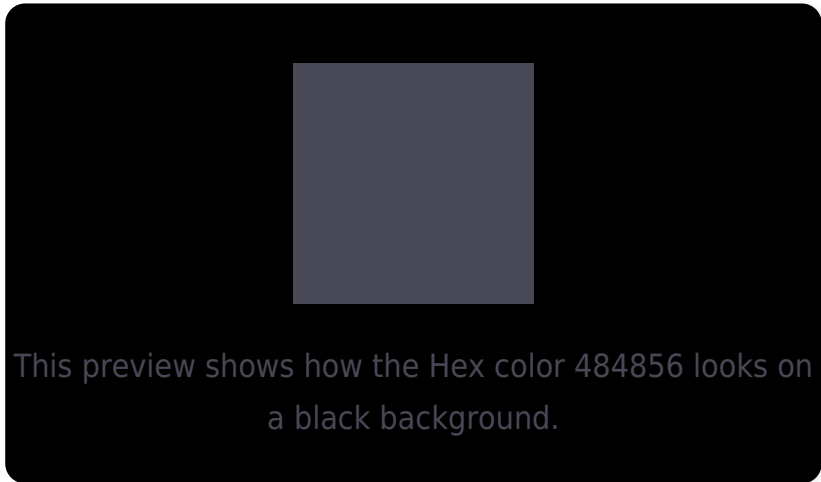
Large Text (above 18pt) WCAG AA ✓ Pass

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

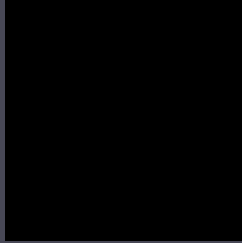
Any Text WCAG AA × Fail

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 484856 Background



This preview shows how black text looks on a background with the Hex color 484856.

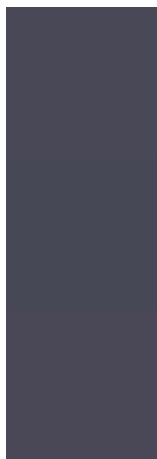


This preview shows how white text looks on a background with the Hex color 484856.

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

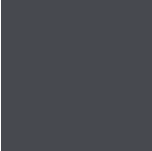
484856

Protanopia

464856

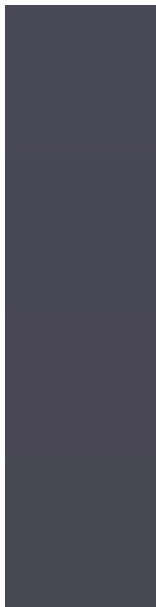
Deuteranopia

4A4756



Tritanopia
47494F

Trichromacy



Original Color

484856

Protanomaly

474856

Deuteranomaly

494756

Tritanomaly

474952

Monochromacy



Original Color

484856

Achromatopsia

4A4A4A

Achromatomaly

49494E

CSS Examples

Text

The CSS property to change the color of the text to Hex 484856 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 #484856 looks like.

```
.text, #text, p{  
    color:#484856  
}
```

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 #484856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484856
}
```

Border

The CSS property to change the border of an element to Hex 484856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

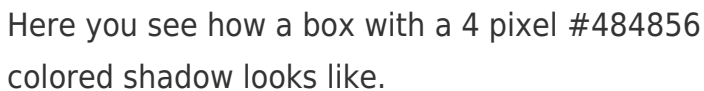
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#484856 }
```

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

```
.border{ border-color:#484856 }
```

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



Here you see how a box with a 4 pixel #484856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484856; -webkit-box-shadow:4px 4px  
4px 4px #484856; box-shadow:4px 4px 4px  
4px #484856 }
```

Background

The CSS property to change the background color of an element to Hex 484856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484856 }
```

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

```
.background{ background-color:#484856 }
```

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