

Converting Colors

Hex(484A77)

Have a look what the booklet for
Hex(484A77) contains.

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Color

Hex(484A77)

Conversions

Conversions Part 1

Format	Color
Hex	484A77
RGB	72, 74, 119
RGB Percent	28%, 29%, 47%
CMY	0.7176, 0.7098, 0.5333
CMYK	0.39, 0.38, 0.00, 0.53
HSL	237°, 25%, 37%
HSV	237°, 39%, 47%
XYZ	8.4510, 7.6072, 18.4757
YIQ	78.5320, -15.6370, 13.5710

Conversions

Conversions Part 2

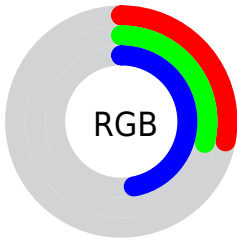
Format	Color
R_YB	72, 74, 119
Decimal	4737655
CIE Lab	33.15, 11.31, -25.98
CIE LCh	33, 28.335, 293.520
Yxy	7.6072, 0.2447, 0.2203
Android (android.graphics.Color)	4282927735 (0xFF484A77)
YUV	78.5320, 19.9507, -5.7286
Hunter-Lab	27.5811, 6.4266, -20.4096

Details

The Hex color **484A77** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **777548**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7A7BAB**, and **171F46** is the 20% darker color. If you saturate the color by 10%, you get **3C3F77**, and if you desaturate by 10%, it is **545577**.

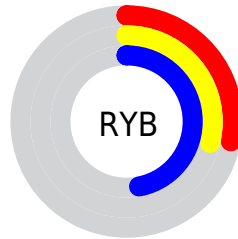
Distribution



 Red (28%)

 Green (29%)

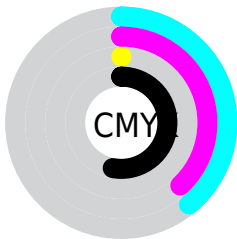
 Blue (47%)



 Red (28%)

 Yellow (29%)

 Blue (47%)

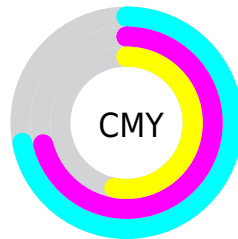


 Cyan (39%)

 Magenta (38%)

 Yellow (0%)

 Black (53%)



 Cyan (72%)

 Magenta (71%)

 Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 484A77 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 484A77 by changing the saturation by 10% instead.

■ 484A77

■ 484A77

FFFFFF

■ 30345E

■ 7A7BAB

■ 171F46

■ 9594C7

■ 010630

■ B0AFE3

■ 00011A

■ CCCAFF

■ 000000

■ E8E6FF

■ 484A77

■ 484A77

■ 3C3F77

■ 545577

■ 303377

■ 606177

■ 242877

■ 6C6C77

■ 181C77

■ 787877

■ 0C1177

■ 848377

■ 010677

■ 8F8E77

■ 000577

■ 9B9A77

■ A7A577

■ B3B177

Harmonies

Analogous

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



18527A



484A77



654169

Triad

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



484A77



70432B



005948

Complementary

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



484A77



777548

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.



2F5732



484A77



604B20

Square

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



484A77



783C3D



4A5223



00595F

Rectangle

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



484A77



713D5B



4A5223



155941

Sweetspot

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



484A77



898A9C



487775



44444F



CFCFCF



4F4F4F

Same Dimension

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



484A77



52569C



5D4877



35353B



00057A



000BFA

Inverse Universe

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



77484A



9C5256



627748



3B3535



7A0005



FA000B

Previews

White Background



This preview shows how the Hex color 484A77 looks on a white background.

Color Contrast Check

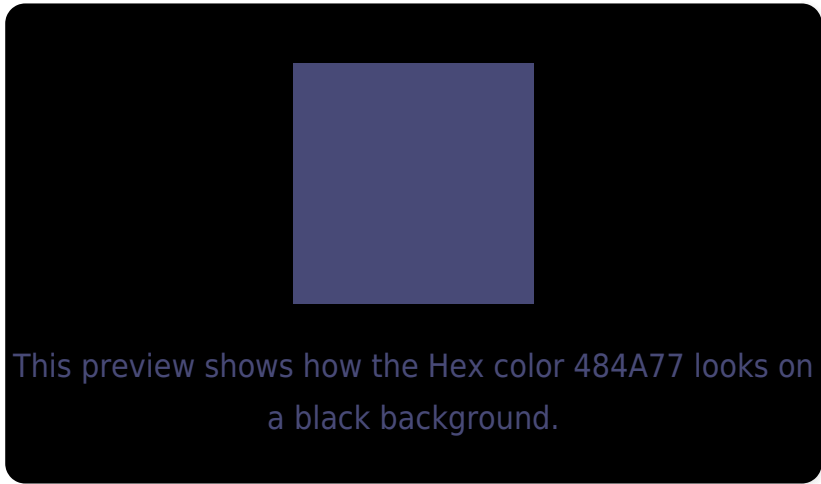
Large Text (above 18pt) WCAG AA ✓ Pass

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

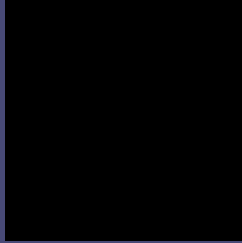
Any Text WCAG AA × Fail

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 484A77 Background



This preview shows how black text looks on a background with the Hex color 484A77.



This preview shows how white text looks on a background with the Hex color 484A77.

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
484A77

Protanopia
3E4C79

Deuteranopia
3B4E76



Tritanopia
405157

Trichromacy



Original Color
484A77

Protanomaly
424B78

Deuteranomaly
404D76

Tritanomaly
434E63

Monochromacy



Original Color
484A77

Achromatopsia
4F4F4F

Achromatomaly
4C4D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 484A77 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 #484A77 looks like.

```
.text, #text, p{  
    color:#484A77  
}
```

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 #484A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484A77  
}
```

Border

The CSS property to change the border of an element to Hex 484A77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

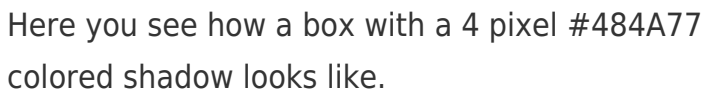
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#484A77 }
```

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

```
.border{ border-color:#484A77 }
```

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



Here you see how a box with a 4 pixel #484A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484A77; -webkit-box-shadow:4px 4px  
4px 4px #484A77; box-shadow:4px 4px 4px  
4px #484A77 }
```

Background

The CSS property to change the background color of an element to Hex 484A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484A77 }
```

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

```
.background{ background-color:#484A77 }
```

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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