

Converting Colors

Hex(484171)

Have a look what the booklet for
Hex(484171) contains.

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Color

Hex(484171)

Conversions

Conversions Part 1

Format	Color
Hex	484171
RGB	72, 65, 113
RGB Percent	28%, 25%, 44%
CMY	0.7176, 0.7451, 0.5569
CMYK	0.36, 0.42, 0.00, 0.56
HSL	249°, 27%, 35%
HSV	249°, 42%, 44%
XYZ	7.5434, 6.3506, 16.4510
YIQ	72.5650, -11.2360, 16.4120

Conversions

Conversions Part 2

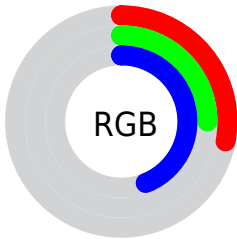
Format	Color
R_{YB}	72, 65, 113
Decimal	4735345
CIE _{Lab}	30.28, 15.39, -26.73
CIE _{LCh}	30, 30.842, 299.930
Yxy	6.3506, 0.2486, 0.2093
Android (android.graphics.Color)	4282925425 (0xFF484171)
YUV	72.5650, 19.9345, -0.4955
Hunter-Lab	25.2003, 9.3313, -21.0648

Details

The Hex color **484171** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6A7141**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7A71A5**, and **181641** is the 20% darker color. If you saturate the color by 10%, you get **3E3671**, and if you desaturate by 10%, it is **524C71**.

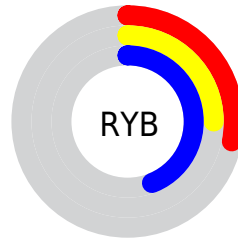
Distribution



 Red (28%)

 Green (25%)

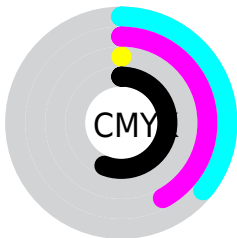
 Blue (44%)




 Red (28%)

 Yellow (25%)

 Blue (44%)

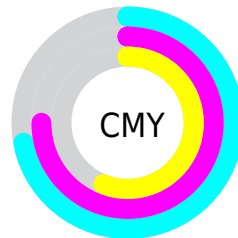


 Cyan (36%)


 Magenta (42%)

 Yellow (0%)

 Black (56%)



 Cyan (72%)

 Magenta (75%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 484171 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 484171 by changing the saturation by 10% instead.

■ 484171

■ 484171

FFFFFF

■ 302B58

■ 7A71A5

■ 181641

■ 958AC0

■ 05002B

■ B0A5DC

■ 000115

■ CBC0F9

■ 000000

■ E8DCFF

■ FFF8FF

■ 484171

■ 484171

■ 3E3671

■ 524C71

■ 352A71

■ 5B5871

■ 2B1F71

■ 656371

■ 211471

■ 6F6E71

■ 180971

■ 787A71

■ 100071

■ 828571

■ 8C9071

■ 959B71

■ 9FA771

Harmonies

Analogous

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



124A77



484171



653760

Triad

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



484171



673D1E



005346

Complementary

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



484171



6A7141

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.



1C512E



484171



554615

Square

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



484171



723531



3D4D1B



00535F

Rectangle

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



484171



6F3350



3D4D1B



00533E

Sweetspot

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



484171



838194



416B71



403E4A



C9C9C9



4A4A4A

Same Dimension

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



484171



534894



5F4171



333238



110078



2400F7

Inverse Universe

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



71416A



944889



537141



383237



780066



F700D3

Previews

White Background



This preview shows how the Hex color 484171 looks on a white background.

Color Contrast Check

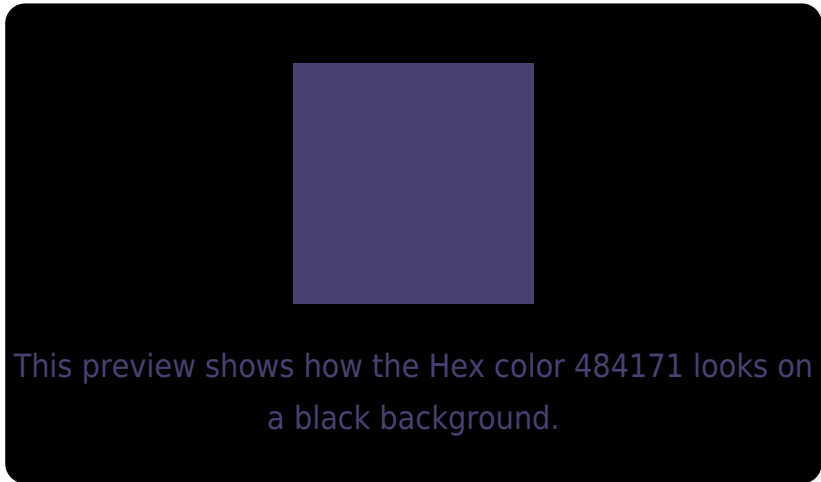
Large Text (above 18pt) WCAG AA ✓ Pass

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

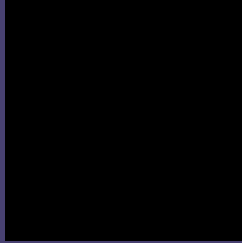
Any Text WCAG AA × Fail

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 484171 Background



This preview shows how black text looks on a background with the Hex color 484171.



This preview shows how white text looks on a background with the Hex color 484171.

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](#).

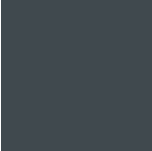
Dichromacy



Original Color
484171

Protanopia
344675

Deuteranopia
324770



Tritanopia
40494E

Trichromacy



Original Color
484171

Protanomaly
3B4474

Deuteranomaly
3A4570

Tritanomaly
43465B

Monochromacy



Original Color
484171

Achromatopsia
494949

Achromatomaly
494658

CSS Examples

Text

The CSS property to change the color of the text to Hex 484171 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 #484171 looks like.

```
.text, #text, p{  
    color:#484171  
}
```

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 #484171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484171
}
```

Border

The CSS property to change the border of an element to Hex 484171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

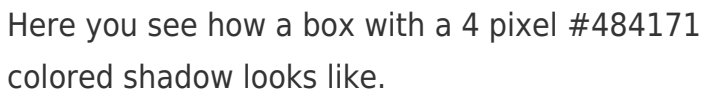
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#484171 }
```

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

```
.border{ border-color:#484171 }
```

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



Here you see how a box with a 4 pixel #484171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484171; -webkit-box-shadow:4px 4px  
4px 4px #484171; box-shadow:4px 4px 4px  
4px #484171 }
```

Background

The CSS property to change the background color of an element to Hex 484171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484171 }
```

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

```
.background{ background-color:#484171 }
```

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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