

Converting Colors

Hex(485A7A)

Have a look what the booklet for
Hex(485A7A) contains.

Hex(485A7A)	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(485A7A)

Conversions

Conversions Part 1

Format	Color
Hex	485A7A
RGB	72, 90, 122
RGB Percent	28%, 35%, 48%
CMY	0.7176, 0.6471, 0.5216
CMYK	0.41, 0.26, 0.00, 0.52
HSL	218°, 26%, 38%
HSV	218°, 41%, 48%
XYZ	9.8415, 10.0952, 19.8422
YIQ	88.2660, -21.0000, 6.1360

Conversions

Conversions Part 2

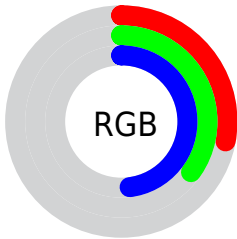
Format	Color
R_{YB}	72, 85, 122
Decimal	4741754
CIE _{Lab}	38.01, 1.98, -20.26
CIE _{LCh}	38, 20.360, 275.568
Yxy	10.0952, 0.2474, 0.2538
Android (android.graphics.Color)	4282931834 (0xFF485A7A)
YUV	88.2660, 16.6309, -14.2653
Hunter-Lab	31.7729, -0.3131, -14.7856

Details

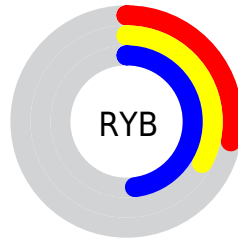
The Hex color **485A7A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7A6848**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7A8CAF**, and **172D49** is the 20% darker color. If you saturate the color by 10%, you get **3C527A**, and if you desaturate by 10%, it is **54627A**.

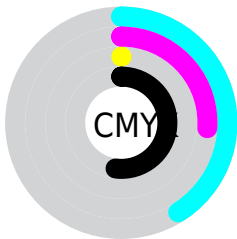
Distribution



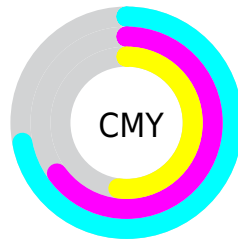
- Red (28%)
- Green (35%)
- Blue (48%)



- Red (28%)
- Yellow (33%)
- Blue (48%)



- Cyan (41%)
- Magenta (26%)
- Yellow (0%)
- Black (52%)



- Cyan (72%)
- Magenta (65%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 485A7A 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 485A7A by changing the saturation by 10% instead.

■ 485A7A

■ 485A7A

FFFFFF

■ 304361

■ 7A8CAF

■ 172D49

■ 95A6CA

■ 001832

■ B0C1E6

■ 00021D

■ CCDDFF

■ 000000

■ E8FAFF

■ 485A7A

■ 485A7A

■ 3C527A

■ 54627A

■ 304A7A

■ 606A7A

■ 23437A

■ 6D717A

■ 173B7A

■ 79797A

■ 0B337A

■ 85817A

■ 002C7A

■ 91897A

■ 9D917A

■ AA987A

■ B6A07A

Harmonies

Analogous

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



2F5F77



485A7A



605474

Triad

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



485A7A



794F47



3D614B

Complementary

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



485A7A



7A6848

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.



505E3E



485A7A



70543C

Square

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



485A7A



794D57



625939



2A635C

Rectangle

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



485A7A



6C516C



625939



436046

Sweetspot

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



485A7A



8B929E



487A68



44484F



CFCFCF



4F4F4F

Same Dimension

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



485A7A



516D9E



4F487A



37393D



002D7D



005BFC

Inverse Universe

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



7A485A



9E516D



737A48



3D3739



7D002D



FC005B

Previews

White Background



This preview shows how the Hex color 485A7A looks on a white background.

Color Contrast Check

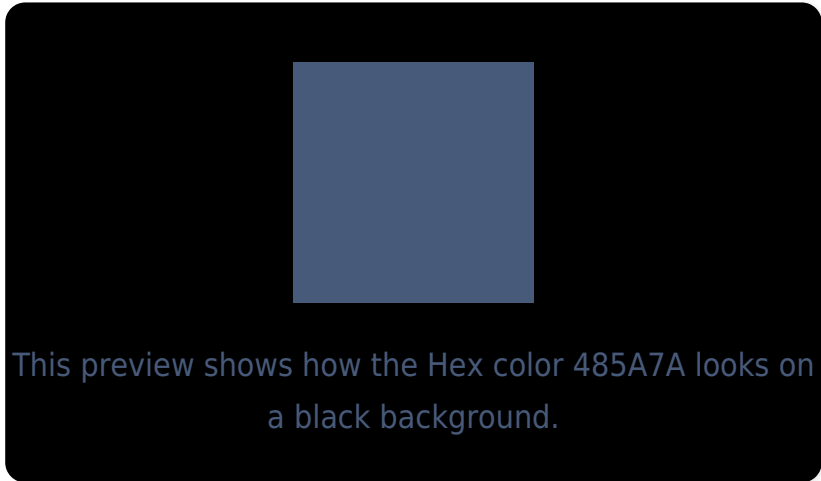
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

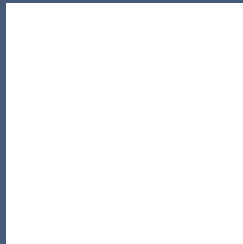
Any Text WCAG AAA × Fail

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

Hex 485A7A Background



This preview shows how black text looks on a background with the Hex color 485A7A.

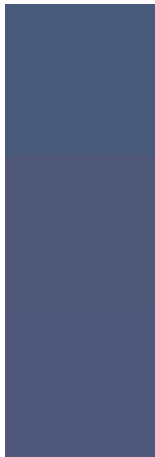


This preview shows how white text looks on a background with the Hex color 485A7A.

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
485A7A

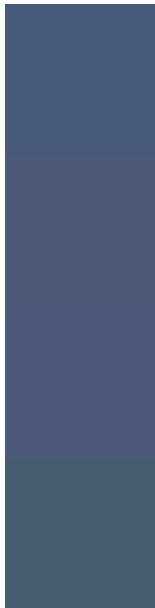
Protanopia
505879

Deuteranopia
4F587A



Tritanopia
435E65

Trichromacy



Original Color
485A7A

Protanomaly
4D5979

Deuteranomaly
4C597A

Tritanomaly
455D6D

Monochromacy



Original Color
485A7A

Achromatopsia
585858

Achromatomaly
525964

CSS Examples

Text

The CSS property to change the color of the text to Hex 485A7A 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 #485A7A looks like.

```
.text, #text, p{  
    color:#485A7A  
}
```

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 #485A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #485A7A
}
```

Border

The CSS property to change the border of an element to Hex 485A7A 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
#485A7A }
```

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

```
.border{ border-color:#485A7A }
```

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

Here you see how a box with a 4 pixel #485A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #485A7A; -webkit-box-shadow:4px 4px  
4px 4px #485A7A; box-shadow:4px 4px 4px  
4px #485A7A }
```

Background

The CSS property to change the background color of an element to Hex 485A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#485A7A }
```

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

```
.background{ background-color:#485A7A }
```

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