

Converting Colors

Hex(485A71)

Have a look what the booklet for
Hex(485A71) contains.

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Color

Hex(485A71)

Conversions

Conversions Part 1

Format	Color
Hex	485A71
RGB	72, 90, 113
RGB Percent	28%, 35%, 44%
CMY	0.7176, 0.6471, 0.5569
CMYK	0.36, 0.20, 0.00, 0.56
HSL	214°, 22%, 36%
HSV	214°, 36%, 44%
XYZ	9.3093, 9.8823, 17.0396
YIQ	87.2400, -18.1110, 3.3370

Conversions

Conversions Part 2

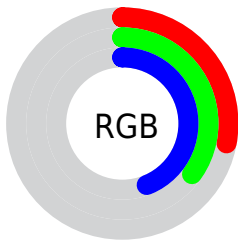
Format	Color
R_{YB}	72, 85, 113
Decimal	4741745
CIE _{Lab}	37.63, -0.69, -15.31
CIE _{LCh}	38, 15.327, 267.430
Yxy	9.8823, 0.2569, 0.2728
Android (android.graphics.Color)	4282931825 (0xFF485A71)
YUV	87.2400, 12.6997, -13.3655
Hunter-Lab	31.4361, -2.1534, -10.1322

Details


The Hex color **485A71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **715F48**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7A8CA5**, and **192D41** is the 20% darker color. If you saturate the color by 10%, you get **3D5471**, and if you desaturate by 10%, it is **536071**.

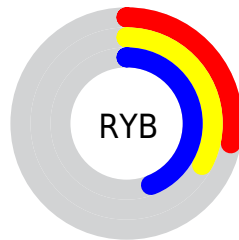
Distribution



 Red (28%)

 Green (35%)

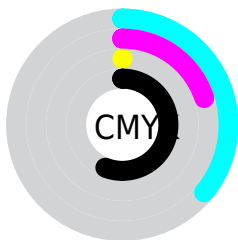
 Blue (44%)





 Red (28%)

 Yellow (33%)

 Blue (44%)

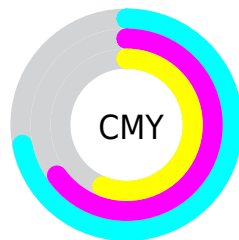


 Cyan (36%)

 Magenta (20%)

 Yellow (0%)

 Black (56%)



 Cyan (72%)

 Magenta (65%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 485A71 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 485A71 by changing the saturation by 10% instead.

■ 485A71

■ 485A71

FFFFFF

■ 304358

■ 7A8CA5

■ 192D41

■ 94A6C0

■ 02182B

■ AFC1DC

■ 000117

■ CBDDF8

■ 000000

■ E7FAFF

■ 485A71

■ 485A71

■ 3D5471

■ 536071

■ 314D71

■ 5F6771

■ 264771

■ 6A6D71

■ 1B4171

■ 757371

■ 103A71

■ 817A71

■ 043471

■ 8C8071

■ 003271

■ 978671

■ A28D71

■ AE9371

Harmonies

Analogous

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



395D6D



485A71



59566E

Triad

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



485A71



72504E



475E4B

Complementary

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



485A71



715F48

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.



565B42



485A71



6D5344

Square

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



485A71



70505A



635740



3B5F57

Rectangle

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



485A71



635369



635740



4C5D48

Sweetspot

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



485A71



848B94



48715F



40454A



C9C9C9



4A4A4A

Same Dimension

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



485A71



536F94



4A4871



323538



003578



006DF7

Inverse Universe

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



71485A



94536F



6F7148



383235



780035



F7006D

Previews

White Background



This preview shows how the Hex color 485A71 looks on a white background.

Color Contrast Check

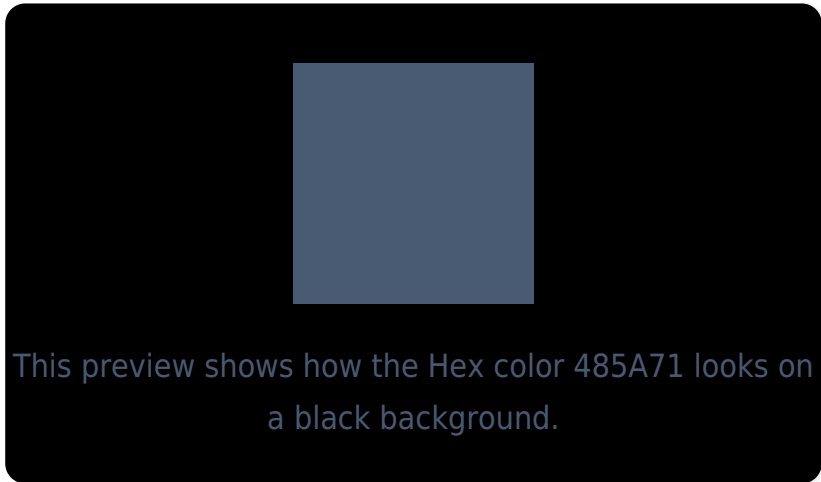
Large Text (above 18pt) WCAG AA ✓ Pass

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

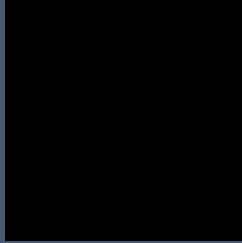
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

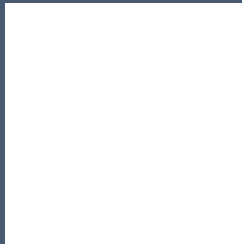
Any Text WCAG AAA × Fail

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

Hex 485A71 Background



This preview shows how black text looks on a background with the Hex color 485A71.

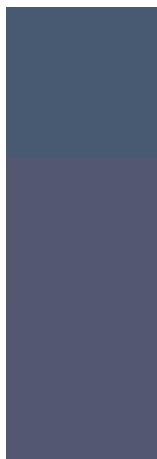


This preview shows how white text looks on a background with the Hex color 485A71.

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
485A71

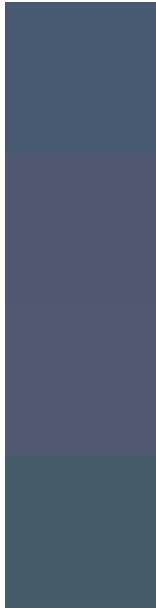
Protanopia
53576F

Deuteranopia
545772



Tritanopia
455C64

Trichromacy



Original Color
485A71

Protanomaly
4F5870

Deuteranomaly
505872

Tritanomaly
465B69

Monochromacy



Original Color
485A71

Achromatopsia
575757

Achromatomaly
525860

CSS Examples

Text

The CSS property to change the color of the text to Hex 485A71 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 #485A71 looks like.

```
.text, #text, p{  
    color:#485A71  
}
```

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 #485A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #485A71  
}
```

Border

The CSS property to change the border of an element to Hex 485A71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

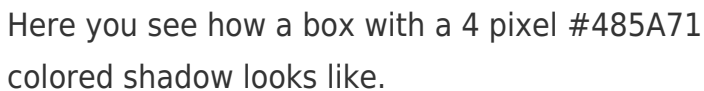
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#485A71 }
```

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

```
.border{ border-color:#485A71 }
```

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



Here you see how a box with a 4 pixel #485A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #485A71; -webkit-box-shadow:4px 4px  
4px 4px #485A71; box-shadow:4px 4px 4px  
4px #485A71 }
```

Background

The CSS property to change the background color of an element to Hex 485A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#485A71 }
```

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

```
.background{ background-color:#485A71 }
```

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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