

Converting Colors

Hex(484AAB)

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

Hex(484AAB)	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>	28

Color

Hex(484AAB)

Conversions

Conversions Part 1

Format	Color
Hex	484AAB
RGB	72, 74, 171
RGB Percent	28%, 29%, 67%
CMY	0.7176, 0.7098, 0.3294
CMYK	0.58, 0.57, 0.00, 0.33
HSL	239°, 41%, 48%
HSV	239°, 58%, 67%
XYZ	12.4720, 9.2156, 39.6495
YIQ	84.4600, -32.3290, 29.7430

Conversions

Conversions Part 2

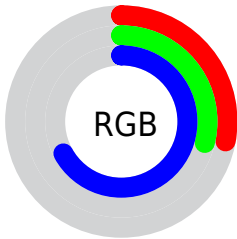
Format	Color
R_{YB}	72, 74, 171
Decimal	4737707
CIE _{Lab}	36.40, 28.23, -52.48
CIE _{LCh}	36, 59.595, 298.279
Yxy	9.2156, 0.2033, 0.1502
Android (android.graphics.Color)	4282927787 (0xFF484AAB)
YUV	84.4600, 42.6642, -10.9274
Hunter-Lab	30.3571, 20.2102, -56.1888

Details

The Hex color **484AAB** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **ABA948**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **817BE3**, and **001E76** is the 20% darker color. If you saturate the color by 10%, you get **3739AB**, and if you desaturate by 10%, it is **595BAB**.

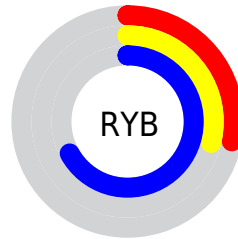
Distribution



 Red (28%)

 Green (29%)

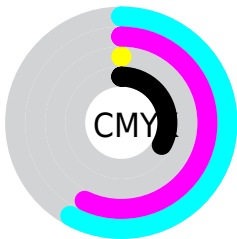
 Blue (67%)




 Red (28%)

 Yellow (29%)

 Blue (67%)

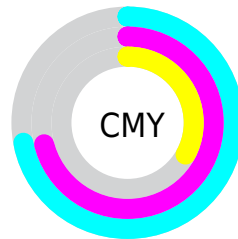


 Cyan (58%)

 Magenta (57%)

 Yellow (0%)

 Black (33%)



 Cyan (72%)

 Magenta (71%)

 Yellow (33%)

Brightness & Saturation Gradients

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

■ 484AAB

■ 484AAB

FFFFFF

■ 293390

■ 817BE3

■ 001E76

■ 9D95FF

■ 000B5C

■ BAAFFF

■ 000044

■ D7CBFF

■ 00032D

■ F5E7FF

■ 000117

■ 000000

■ 484AAB

■ 484AAB

■ 3739AB

■ 595BAB

■ 2628AB

■ 6A6CAB

■ 1518AB

■ 7B7CAB

■ 0407AB

■ 8C8DAB

■ 0003AB

■ 9D9EAB

■ AFAFAB

■ C0BFAB

■ D1D0AB

■ E2E1AB

Harmonies

Analogous

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



005DB6



484AAB



8B2E89

Triad

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



484AAB



8F3E00



006A51

Complementary

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



484AAB



ABA948

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.



00671E



484AAB



6B5300

Square

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



484AAB



A4212C



3C6000



006A82

Rectangle

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



484AAB



A0196B



3C6000



006941

Sweetspot

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



484AAB



B8B9DE



48ABA8



5A5A70



F0F0F0



707070

Same Dimension

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



484AAB



4548DE



7648AB



4E4E57



000396



000017

Inverse Universe

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



AB484A



DE4548



7DAB48



574E4E



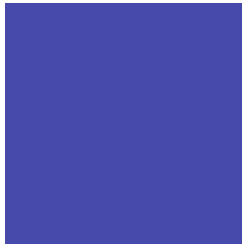
960003



170000

Previews

White Background



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

Color Contrast Check

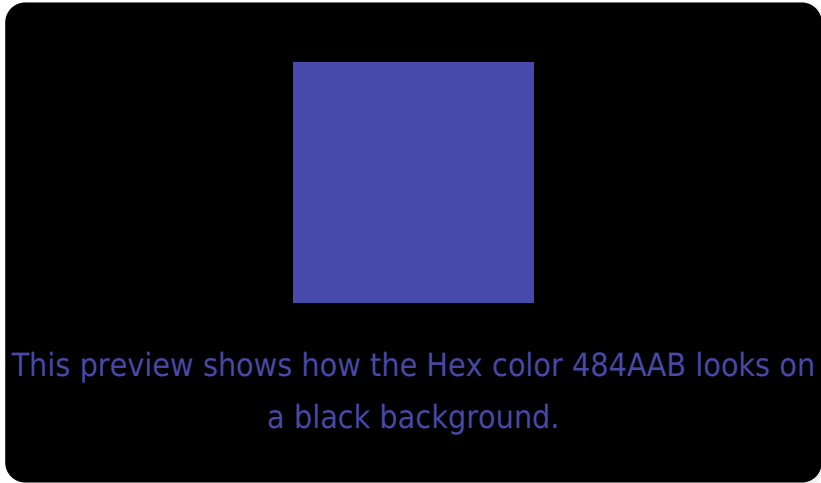
Large Text (above 18pt) WCAG AA ✓ Pass

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

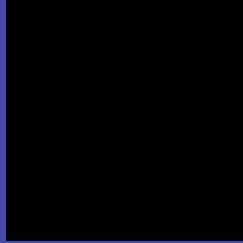
Any Text WCAG AA × Fail

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 484AAB Background



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

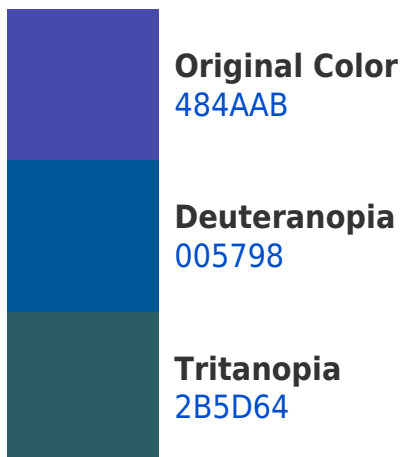


This preview shows how white text looks on a background with the Hex color 484AAB.

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



Trichromacy



Original Color
484AAB

Deuteranomaly
1A529F

Tritanomaly
36567E

Monochromacy



Original Color
484AAB

Achromatopsia
545454

Achromatomaly
505074

CSS Examples

Text

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

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

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 #484AAB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 484AAB 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
#484AAB }
```

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

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

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

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

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

Background

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

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

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

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

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