

Converting Colors

Hex(4A3884)

Have a look what the booklet for
Hex(4A3884) contains.

Hex(4A3884)	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(4A3884)

Conversions

Conversions Part 1

Format	Color
Hex	4A3884
RGB	74, 56, 132
RGB Percent	29%, 22%, 52%
CMY	0.7098, 0.7804, 0.4824
CMYK	0.44, 0.58, 0.00, 0.48
HSL	254°, 40%, 37%
HSV	254°, 58%, 52%
XYZ	8.4031, 5.9501, 22.5354
YIQ	70.0460, -13.6680, 27.4520

Conversions

Conversions Part 2

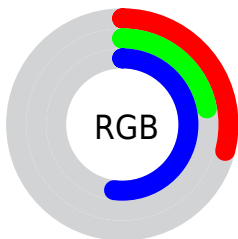
Format	Color
R_{YB}	74, 56, 132
Decimal	4864132
CIE Lab	29.29, 27.54, -40.22
CIE LCh	29, 48.750, 304.401
Yxy	5.9501, 0.2278, 0.1613
Android (android.graphics.Color)	4283054212 (0xFF4A3884)
YUV	70.0460, 30.5433, 3.4677
Hunter-Lab	24.3929, 18.8036, -37.7001

Details

The Hex color **4A3884** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **728438**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7F68BA**, and **140D52** is the 20% darker color. If you saturate the color by 10%, you get **402B84**, and if you desaturate by 10%, it is **544584**.

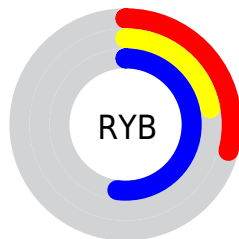
Distribution



Red (29%)

Green (22%)

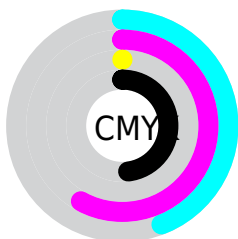
Blue (52%)



Red (29%)

Yellow (22%)

Blue (52%)

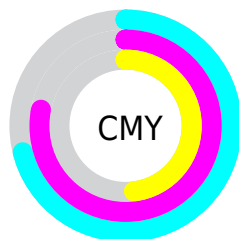


Cyan (44%)

Magenta (58%)

Yellow (0%)

Black (48%)



Cyan (71%)

Magenta (78%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A3884 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 4A3884 by changing the saturation by 10% instead.



4A3884



4A3884

FFFFFF



30226A



7F68BA



140D52



9A81D6



00003A



B59BF2



000224



D2B6FF



00000B



EED2FF



000000



FFEEFF



4A3884



4A3884



402B84



544584

■ 361E84

■ 5E5284

■ 2C1084

■ 686084

■ 220384

■ 726D84

■ 1F0084

■ 7C7A84

■ 868784

■ 919484

■ 9BA284

■ A5AF84

Harmonies

Analogous

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



004891



4A3884



752266

Triad

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



4A3884



6E3600



00554A

Complementary

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



4A3884



728438

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.



005322



4A3884



504500

Square

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



4A3884



81221D



284F00



00556F

Rectangle

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



4A3884



83164E



284F00



00553C

Sweetspot

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



4A3884



958EAB



387284



494557



D6D6D6



575757

Same Dimension

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



4A3884



5135AB



703884



3D3C42



1F0082



010003

Inverse Universe

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



843872



AB358F



4C8438



423C41



820063



030002

Previews

White Background



This preview shows how the Hex color 4A3884 looks on a white background.

Color Contrast Check

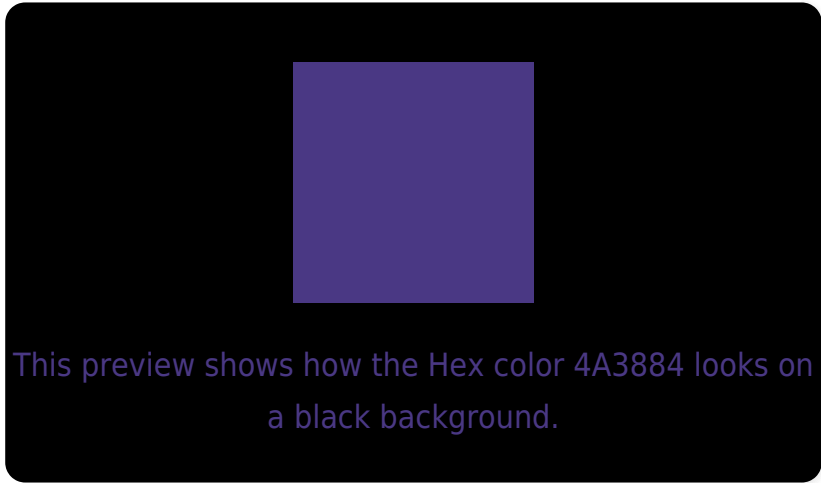
Large Text (above 18pt) WCAG AA ✓ Pass

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

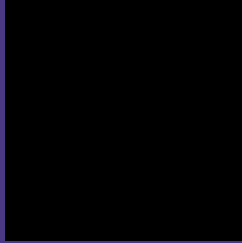
Any Text WCAG AA × Fail

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 4A3884 Background



This preview shows how black text looks on a background with the Hex color 4A3884.



This preview shows how white text looks on a background with the Hex color 4A3884.

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
4A3884

Deuteranopia
00477C

Tritanopia
3C474D

Trichromacy



Original Color
4A3884

Deuteranomaly
1B427F

Tritanomaly
414261

Monochromacy



Original Color
4A3884

Achromatopsia
464646

Achromatomaly
47415D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A3884 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 #4A3884 looks like.

```
.text, #text, p{  
    color:#4A3884  
}
```

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 #4A3884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3884
}
```

Border

The CSS property to change the border of an element to Hex 4A3884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

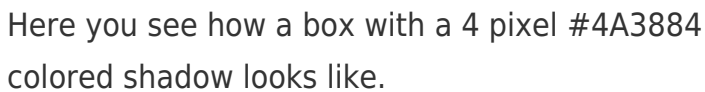
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A3884 }
```

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

```
.border{ border-color:#4A3884 }
```

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



Here you see how a box with a 4 pixel #4A3884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3884; -webkit-box-shadow:4px 4px  
4px 4px #4A3884; box-shadow:4px 4px 4px  
4px #4A3884 }
```

Background

The CSS property to change the background color of an element to Hex 4A3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3884 }
```

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

```
.background{ background-color:#4A3884 }
```

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