

Converting Colors

Hex(443188)

Have a look what the booklet for
Hex(443188) contains.

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Color

Hex(443188)

Conversions

Conversions Part 1

Format	Color
Hex	443188
RGB	68, 49, 136
RGB Percent	27%, 19%, 53%
CMY	0.7333, 0.8078, 0.4667
CMYK	0.50, 0.64, 0.00, 0.47
HSL	253°, 47%, 36%
HSV	253°, 64%, 53%
XYZ	7.9261, 5.2031, 23.8791
YIQ	64.5990, -16.6030, 31.0850

Conversions

Conversions Part 2

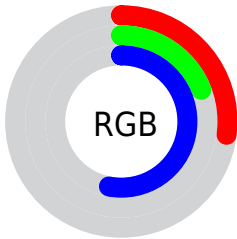
Format	Color
RYB	68, 49, 136
Decimal	4469128
CIELab	27.31, 31.78, -45.94
CIElCh	27, 55.866, 304.674
Yxy	5.2031, 0.2142, 0.1406
Android (android.graphics.Color)	4282659208 (0xFF443188)
YUV	64.5990, 35.2007, 2.9827
Hunter-Lab	22.8104, 22.1069, -46.1006

Details

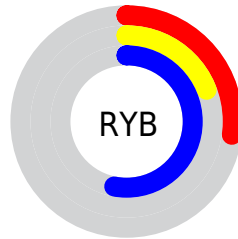
The Hex color **443188** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **758831**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7A60BE**, and **040655** is the 20% darker color. If you saturate the color by 10%, you get **392388**, and if you desaturate by 10%, it is **4F3F88**.

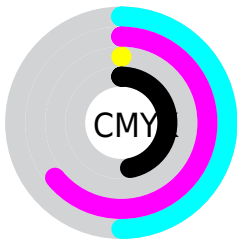
Distribution



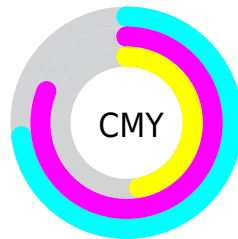
- Red (27%)
- Green (19%)
- Blue (53%)



- Red (27%)
- Yellow (19%)
- Blue (53%)



- Cyan (50%)
- Magenta (64%)
- Yellow (0%)
- Black (47%)



- Cyan (73%)
- Magenta (81%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 443188 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 443188 by changing the saturation by 10% instead.

■ 443188

■ 443188

FFFFFF

■ 281B6E

■ 7A60BE

■ 040655

■ 9579DA

■ 00003D

■ B193F7

■ 000326

■ CDAEFF

■ 000110

■ EACAFF

■ 000000

■ FFE6FF

■ 443188

■ 443188

■ 392388

■ 4F3F88

■ 2F1688

■ 594C88

■ 240888

■ 645A88

■ 1E0088

■ 6F6788

■ 797588

■ 848388

■ 8E9088

■ 999E88

■ A4AB88

Harmonies

Analogous

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



004497



443188



770F66

Triad

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



443188



6C2F00



005246

Complementary

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



443188



758831

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.



005018



443188



4A4100

Square

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



443188



821012



1B4B00



005271

Rectangle

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



443188



85004A



1B4B00



005137

Sweetspot

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



443188



968FB0



317588



494559



D9D9D9



595959

Same Dimension

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



443188



4628B0



6F3188



3F3E45



1D0085



010005

Inverse Universe

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



883175



B02892



4A8831



453E43



850068



050004

Previews

White Background



This preview shows how the Hex color 443188 looks on a white background.

Color Contrast Check

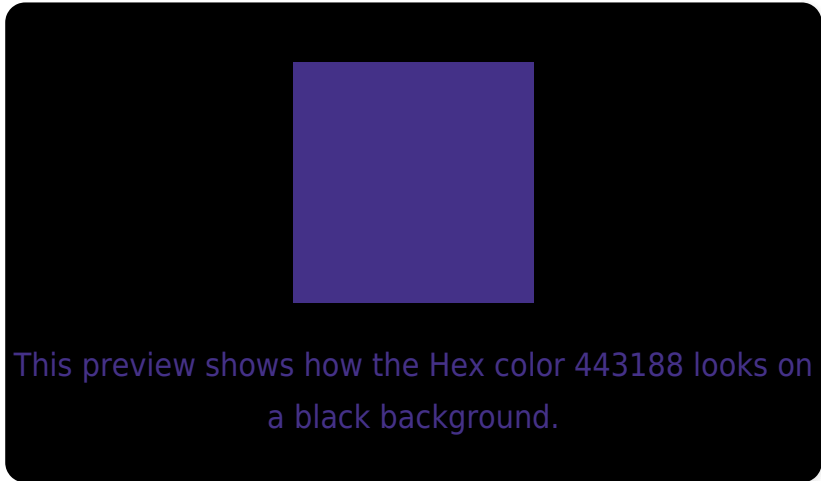
Large Text (above 18pt) WCAG AA ✓ Pass

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

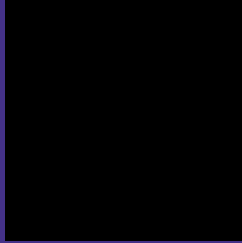
Any Text WCAG AA × Fail

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 443188 Background



This preview shows how black text looks on a background with the Hex color 443188.

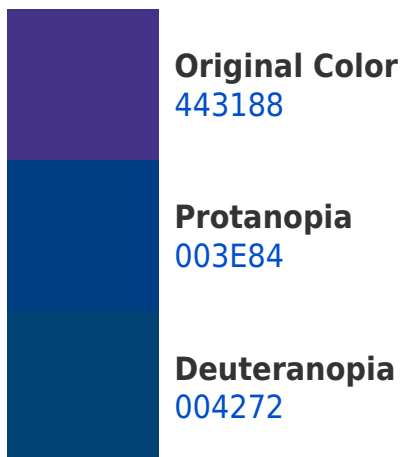


This preview shows how white text looks on a background with the Hex color 443188.

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](#).

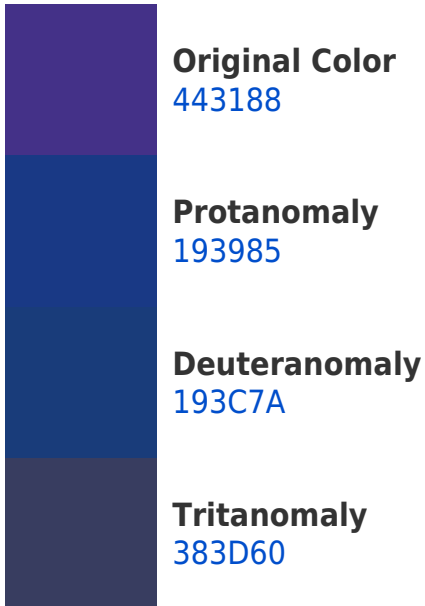
Dichromacy



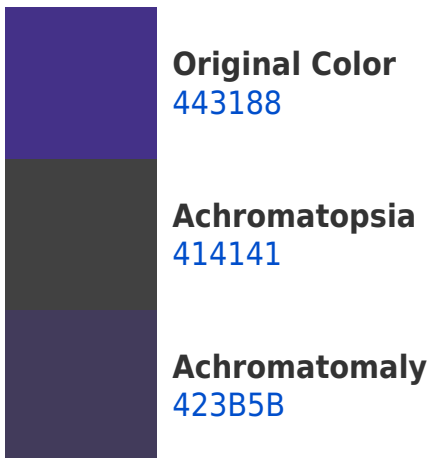


Tritanopia
314449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 443188 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 #443188 looks like.

```
.text, #text, p{  
    color:#443188  
}
```

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 #443188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #443188
}
```

Border

The CSS property to change the border of an element to Hex 443188 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
#443188 }
```

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

```
.border{ border-color:#443188 }
```

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

Here you see how a box with a 4 pixel #443188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #443188; -webkit-box-shadow:4px 4px  
4px 4px #443188; box-shadow:4px 4px 4px  
4px #443188 }
```

Background

The CSS property to change the background color of an element to Hex 443188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#443188 }
```

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

```
.background{ background-color:#443188 }
```

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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