

Converting Colors

Hex(453870)

Have a look what the booklet for
Hex(453870) contains.

Hex(453870)	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(453870)

Conversions

Conversions Part 1

Format	Color
Hex	453870
RGB	69, 56, 112
RGB Percent	27%, 22%, 44%
CMY	0.7294, 0.7804, 0.5608
CMYK	0.38, 0.50, 0.00, 0.56
HSL	254°, 33%, 33%
HSV	254°, 50%, 44%
XYZ	6.7930, 5.2634, 15.9871
YIQ	66.2710, -10.2280, 20.1720

Conversions

Conversions Part 2

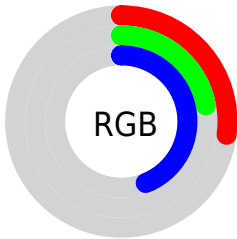
Format	Color
R_{YB}	69, 56, 112
Decimal	4536432
CIE _{Lab}	27.47, 20.12, -30.56
CIE _{LCh}	27, 36.586, 303.356
Yxy	5.2634, 0.2422, 0.1877
Android (android.graphics.Color)	4282726512 (0xFF453870)
YUV	66.2710, 22.5444, 2.3933
Hunter-Lab	22.9421, 12.7043, -25.2566

Details

The Hex color **453870** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **637038**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7867A4**, and **140E40** is the 20% darker color. If you saturate the color by 10%, you get **3C2D70**, and if you desaturate by 10%, it is **4E4370**.

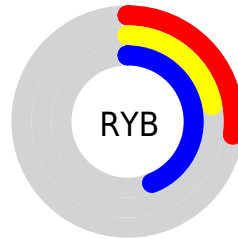
Distribution



Red (27%)

Green (22%)

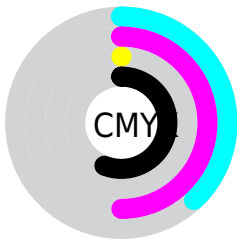
Blue (44%)



Red (27%)

Yellow (22%)

Blue (44%)

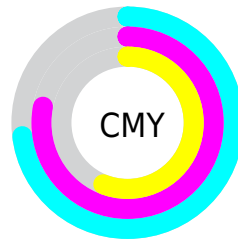


Cyan (38%)

Magenta (50%)

Yellow (0%)

Black (56%)



Cyan (73%)

Magenta (78%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 453870 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 453870 by changing the saturation by 10% instead.

■ 453870

■ 453870

FFFFFF

■ 2D2257

■ 7867A4

■ 140E40

■ 9280BF

■ 000029

■ AD9ADB

■ 000113

■ C9B5F8

■ 000000

■ E5D1FF

■ FFEDFF

■ 453870

■ 453870

■ 3C2D70

■ 4E4370

■ 342270

■ 564E70

■ 2B1670

■ 5F5A70

■ 230B70

■ 676570

■ 1A0070

■ 707070

■ 797B70

■ 818670

■ 8A9270

■ 929D70

Harmonies

Analogous

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



004379



453870



652B5B

Triad

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



453870



62360C



004E43

Complementary

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



453870



637038

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.



004C26



453870



4C4100

Square

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



453870



702A24



2F480C



004D5F

Rectangle

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



453870



702648



2F480C



004E39

Sweetspot

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



453870



817C91



386470



403D4A



C9C9C9



4A4A4A

Same Dimension

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



453870



4E3A91



603870



343238



1C0078



3900F7

Inverse Universe

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



703863



913A7D



487038



383237



78005C



F700BE

Previews

White Background



This preview shows how the Hex color 453870 looks on a white background.

Color Contrast Check

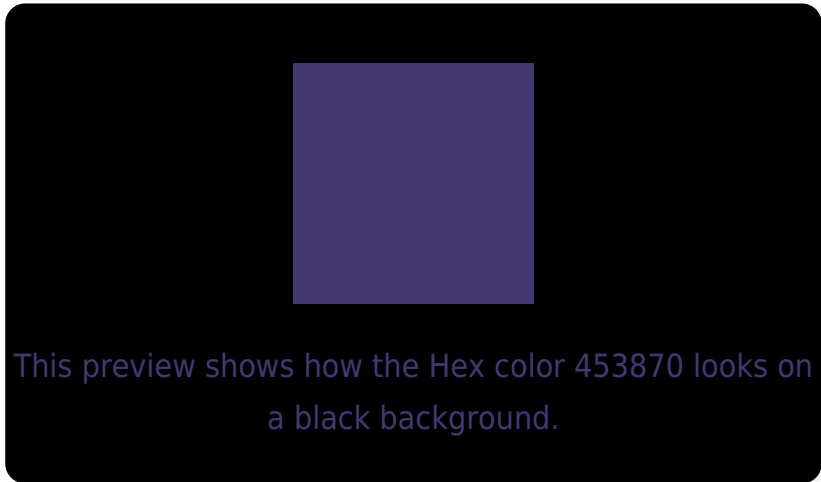
Large Text (above 18pt) WCAG AA ✓ Pass

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

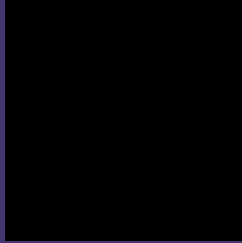
Any Text WCAG AA × Fail

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 453870 Background



This preview shows how black text looks on a background with the Hex color 453870.



This preview shows how white text looks on a background with the Hex color 453870.

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
453870

Protanopia
253F77

Deuteranopia
21426E



Tritanopia
3C4247

Trichromacy



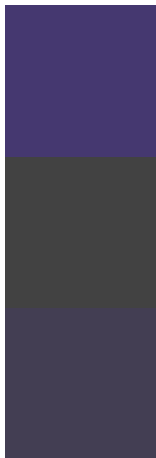
Original Color
453870

Protanomaly
313C74

Deuteranomaly
2E3E6F

Tritanomaly
3F3E56

Monochromacy



Original Color
453870

Achromatopsia
424242

Achromatomaly
433E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 453870 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 #453870 looks like.

```
.text, #text, p{  
    color:#453870  
}
```

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 #453870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453870
}
```

Border

The CSS property to change the border of an element to Hex 453870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

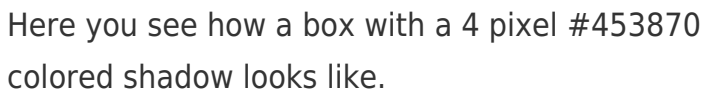
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#453870 }
```

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

```
.border{ border-color:#453870 }
```

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



Here you see how a box with a 4 pixel #453870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453870; -webkit-box-shadow:4px 4px  
4px 4px #453870; box-shadow:4px 4px 4px  
4px #453870 }
```

Background

The CSS property to change the background color of an element to Hex 453870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453870 }
```

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

```
.background{ background-color:#453870 }
```

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