

Converting Colors

Hex(453863)

Have a look what the booklet for
Hex(453863) contains.

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Color

Hex(453863)

Conversions

Conversions Part 1

Format	Color
Hex	453863
RGB	69, 56, 99
RGB Percent	27%, 22%, 39%
CMY	0.7294, 0.7804, 0.6118
CMYK	0.30, 0.43, 0.00, 0.61
HSL	258°, 28%, 30%
HSV	258°, 43%, 39%
XYZ	6.1205, 4.9944, 12.4458
YIQ	64.7890, -6.0550, 16.1290

Conversions

Conversions Part 2

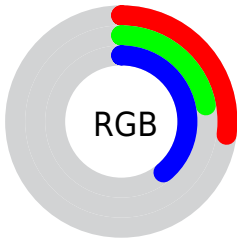
Format	Color
RYB	69, 56, 99
Decimal	4536419
CIELab	26.72, 16.28, -23.41
CIELCh	27, 28.512, 304.813
Yxy	4.9944, 0.2598, 0.2120
Android (android.graphics.Color)	4282726499 (0xFF453863)
YUV	64.7890, 16.8660, 3.6930
Hunter-Lab	22.3482, 9.7769, -17.3752

Details

The Hex color **453863** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **566338**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **766796**, and **170E34** is the 20% darker color. If you saturate the color by 10%, you get **3E2E63**, and if you desaturate by 10%, it is **4C4263**.

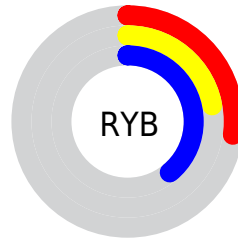
Distribution



Red (27%)

Green (22%)

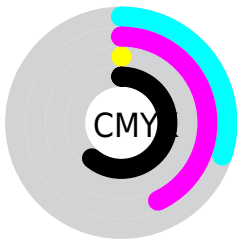
Blue (39%)



Red (27%)

Yellow (22%)

Blue (39%)

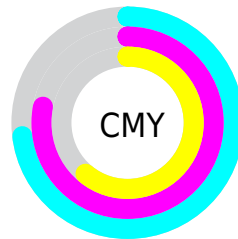


Cyan (30%)

Magenta (43%)

Yellow (0%)

Black (61%)



Cyan (73%)

Magenta (78%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 453863 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 453863 by changing the saturation by 10% instead.

■ 453863

■ 453863

FFFFFF

■ 2E224B

■ 766796

■ 170E34

■ 9180B1

■ 00001F

■ AB9ACC

■ 000001

■ C7B5E9

■ 000000

■ E3D1FF

■ FFEDFF

■ 453863

■ 453863

■ 3E2E63

■ 4C4263

■ 372463

■ 534C63

■ 301A63

■ 5A5663

■ 291063

■ 616063

■ 220663

■ 686A63

■ 1E0063

■ 6E7363

■ 757D63

■ 7C8763

■ 839163

Harmonies

Analogous

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



1B406A



453863



5D3052

Triad

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



453863



5A3717



004A42

Complementary

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



453863



566338

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.



10492C



453863



483F11

Square

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



453863



652F28



31451A



004957

Rectangle

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



453863



652C44



31451A



004A3B

Sweetspot

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



453863



746F80



385663



393640



BFBFBF



404040

Same Dimension

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



453863



513D80



5A3863



2D2C30



220070



4800F0

Inverse Universe

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



633856



803D6B



416338



302C2F



70004E



F000A7

Previews

White Background



This preview shows how the Hex color 453863 looks on a white background.

Color Contrast Check

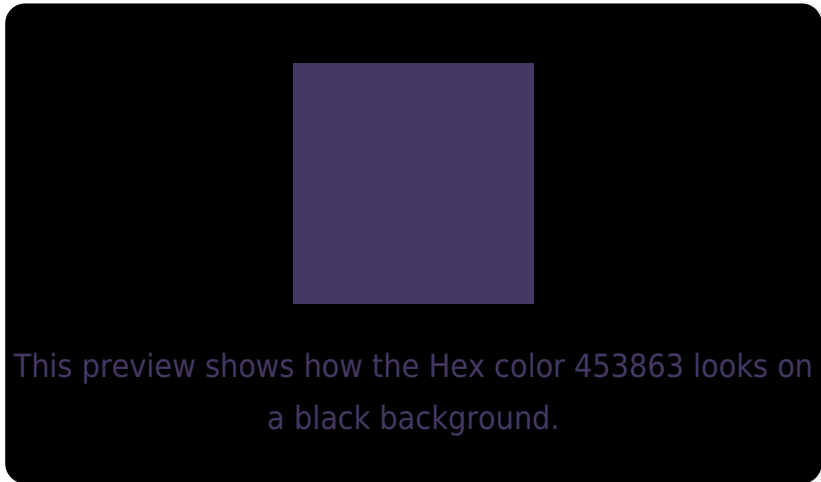
Large Text (above 18pt) WCAG AA ✓ Pass

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

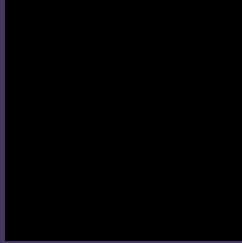
Any Text WCAG AA × Fail

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 453863 Background



This preview shows how black text looks on a background with the Hex color 453863.



This preview shows how white text looks on a background with the Hex color 453863.

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
453863

Protanopia
2E3E68

Deuteranopia
2E3F61



Tritanopia
3F3F44

Trichromacy



Original Color
453863

Protanomaly
363C66

Deuteranomaly
363C62

Tritanomaly
413C4F

Monochromacy



Original Color
453863

Achromatopsia
414141

Achromatomaly
423E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 453863 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 #453863 looks like.

```
.text, #text, p{  
    color:#453863  
}
```

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 #453863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453863
}
```

Border

The CSS property to change the border of an element to Hex 453863 is called "border". The border property can be set on classes, ids or directly on the HTML element.

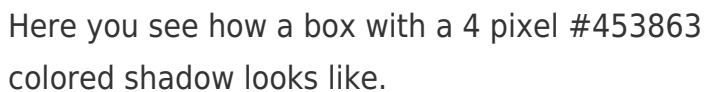
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#453863 }
```

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

```
.border{ border-color:#453863 }
```

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



Here you see how a box with a 4 pixel #453863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453863; -webkit-box-shadow:4px 4px  
4px 4px #453863; box-shadow:4px 4px 4px  
4px #453863 }
```

Background

The CSS property to change the background color of an element to Hex 453863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453863 }
```

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

```
.background{ background-color:#453863 }
```

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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