

Converting Colors

Hex(453E83)

Have a look what the booklet for
Hex(453E83) contains.

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Color

Hex(453E83)

Conversions

Conversions Part 1

Format	Color
Hex	453E83
RGB	69, 62, 131
RGB Percent	27%, 24%, 51%
CMY	0.7294, 0.7569, 0.4863
CMYK	0.47, 0.53, 0.00, 0.49
HSL	246°, 36%, 38%
HSV	246°, 53%, 51%
XYZ	8.2736, 6.3492, 22.2622
YIQ	71.9590, -17.9770, 22.9430

Conversions

Conversions Part 2

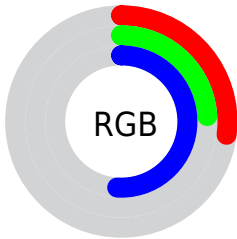
Format	Color
R_{YB}	69, 62, 131
Decimal	4537987
CIE _{Lab}	30.28, 22.12, -38.04
CIE _{LCh}	30, 44.002, 300.185
Yxy	6.3492, 0.2243, 0.1721
Android (android.graphics.Color)	4282728067 (0xFF453E83)
YUV	71.9590, 29.1072, -2.5950
Hunter-Lab	25.1975, 14.5148, -34.7448

Details

The Hex color **453E83** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7C833E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **796EB9**, and **0D1451** is the 20% darker color. If you saturate the color by 10%, you get **393183**, and if you desaturate by 10%, it is **514B83**.

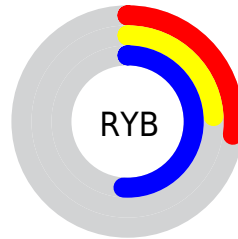
Distribution



Red (27%)

Green (24%)

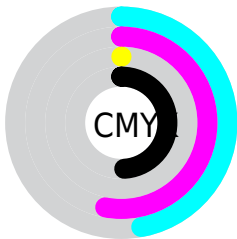
Blue (51%)



Red (27%)

Yellow (24%)

Blue (51%)

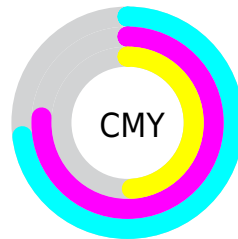


Cyan (47%)

Magenta (53%)

Yellow (0%)

Black (49%)



Cyan (73%)

Magenta (76%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 453E83 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 453E83 by changing the saturation by 10% instead.

■ 453E83

■ 453E83

FFFFFF

■ 2B2869

■ 796EB9

■ 0D1451

■ 9487D4

■ 00003A

■ B0A1F1

■ 000223

■ CCBCFF

■ 00000A

■ E9D8FF

■ 000000

■ FFF5FF

■ 453E83

■ 453E83

■ 393183

■ 514B83

■ 2D2483

■ 5D5883

■ 221783

■ 686583

■ 160A83

■ 747283

■ 0D0083

■ 808083

■ 8C8D83

■ 979A83

■ A3A783

■ AFB483

Harmonies

Analogous

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



004B8C



453E83



702D6A

Triad

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



453E83



713807



005746

Complementary

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



453E83



7C833E

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.



005423



453E83



574600

Square

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



453E83



812827



344F00



005669

Rectangle

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



453E83



7E2454



344F00



00563A

Sweetspot

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



453E83



9290AB



3E7C83



484657



D6D6D6



575757

Same Dimension

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



453E83



4A3FAB



673E83



3C3C42



0D0082



000003

Inverse Universe

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



833E7C



AB3FA0



5A833E



423C42



820075



030002

Previews

White Background



This preview shows how the Hex color 453E83 looks on a white background.

Color Contrast Check

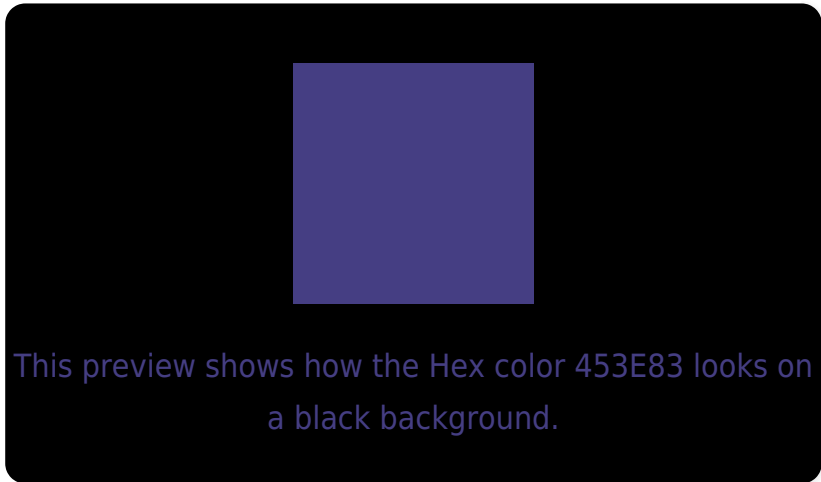
Large Text (above 18pt) WCAG AA ✓ Pass

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

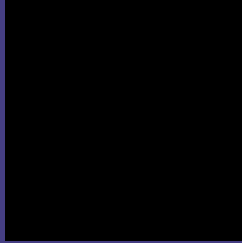
Any Text WCAG AA × Fail

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 453E83 Background



This preview shows how black text looks on a background with the Hex color 453E83.



This preview shows how white text looks on a background with the Hex color 453E83.

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
453E83

Protanopia
1E458A

Deuteranopia
084981



Tritanopia
374B51

Trichromacy



Original Color
453E83

Protanomaly
2C4287

Deuteranomaly
1E4582

Tritanomaly
3C4663

Monochromacy



Original Color
453E83

Achromatopsia
484848

Achromatomaly
47445D

CSS Examples

Text

The CSS property to change the color of the text to Hex 453E83 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 #453E83 looks like.

```
.text, #text, p{  
    color:#453E83  
}
```

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 #453E83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #453E83
}
```

Border

The CSS property to change the border of an element to Hex 453E83 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".

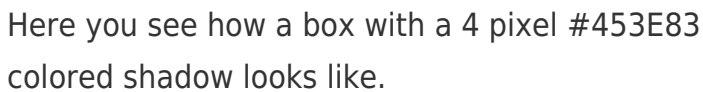
```
.border, #border, table{ border:4px solid
#453E83 }
```

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

```
.border{ border-color:#453E83 }
```

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

Here you see how a box with a 4 pixel #453E83 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #453E83; -webkit-box-shadow:4px 4px  
4px 4px #453E83; box-shadow:4px 4px 4px  
4px #453E83 }
```

Background

The CSS property to change the background color of an element to Hex 453E83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#453E83 }
```

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

```
.background{ background-color:#453E83 }
```

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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