

Converting Colors

Hex(451E57)

Have a look what the booklet for
Hex(451E57) contains.

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Color

Hex(451E57)

Conversions

Conversions Part 1

Format	Color
Hex	451E57
RGB	69, 30, 87
RGB Percent	27%, 12%, 34%
CMY	0.7294, 0.8824, 0.6588
CMYK	0.21, 0.66, 0.00, 0.66
HSL	281°, 49%, 23%
HSV	281°, 66%, 34%
XYZ	4.6388, 2.8819, 9.3286
YIQ	48.1590, 4.9470, 25.9950

Conversions

Conversions Part 2

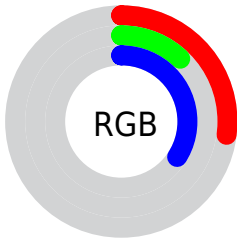
Format	Color
RYB	69, 30, 87
Decimal	4529751
CIELab	19.56, 29.43, -26.85
CIElCh	20, 39.837, 317.622
Yxy	2.8819, 0.2753, 0.1710
Android (android.graphics.Color)	4282719831 (0xFF451E57)
YUV	48.1590, 19.1486, 18.2776
Hunter-Lab	16.9761, 19.0680, -20.6974

Details

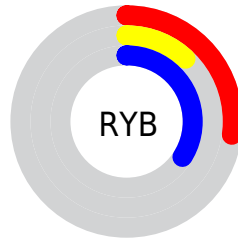
The Hex color **451E57** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **30571E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **774D89**, and **1C0029** is the 20% darker color. If you saturate the color by 10%, you get **421557**, and if you desaturate by 10%, it is **482757**.

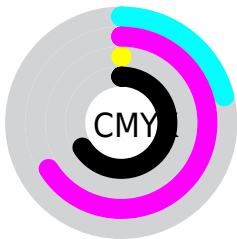
Distribution



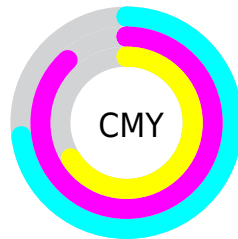
- Red (27%)
- Green (12%)
- Blue (34%)



- Red (27%)
- Yellow (12%)
- Blue (34%)



- Cyan (21%)
- Magenta (66%)
- Yellow (0%)
- Black (66%)



- Cyan (73%)
- Magenta (88%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451E57 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 451E57 by changing the saturation by 10% instead.

■ 451E57

■ 451E57

FFFFFF

■ 2D073F

■ 774D89

■ 1C0029

■ 9165A4

■ 000113

■ AD7FBF

■ 000000

■ C899DB

■ E5B4F8

■ FFD0FF

■ FFECFF

■ 451E57

■ 451E57

■ 421557

■ 482757

■ 400D57

■ 4A2F57

■ 3D0457

■ 4D3857

■ 3C0057

■ 504157

■ 534A57

■ 555257

■ 585B57

■ 5B6457

■ 5E6C57

Harmonies

Analogous

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



022D67



451E57



5C0C3D

Triad

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



451E57



452A00



003C40

Complementary

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



451E57



30571E

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.



003B22



451E57



2C3300

Square

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



451E57



581B00



003900



003B5A

Rectangle

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



451E57



610729



003900



003C36

Sweetspot

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



451E57



695A70



1E3057



342B38



B8B8B8



383838

Same Dimension

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



451E57



541870



571E4D



2A272B



49006B



A100EB

Inverse Universe

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



571E30



701834



1E5728



2B2728



6B0022



EB004A

Previews

White Background



This preview shows how the Hex color 451E57 looks on a white background.

Color Contrast Check

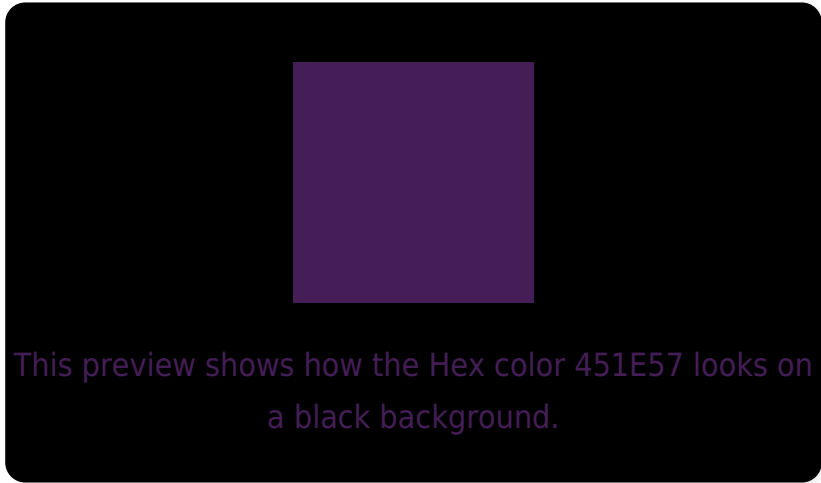
Large Text (above 18pt) WCAG AA ✓ Pass

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

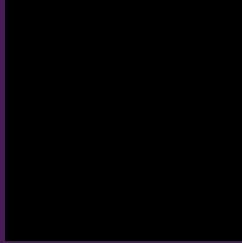
Any Text WCAG AA × Fail

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 451E57 Background



This preview shows how black text looks on a background with the Hex color 451E57.



This preview shows how white text looks on a background with the Hex color 451E57.

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
451E57

Protanopia
002F63

Deuteranopia
143153



Tritanopia
3F2B2E

Trichromacy



Original Color
451E57

Protanomaly
19295F

Deuteranomaly
262A54

Tritanomaly
41263D

Monochromacy



Original Color
451E57

Achromatopsia
303030

Achromatomaly
38293E

CSS Examples

Text

The CSS property to change the color of the text to Hex 451E57 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 #451E57 looks like.

```
.text, #text, p{  
    color:#451E57  
}
```

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 #451E57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451E57
}
```

Border

The CSS property to change the border of an element to Hex 451E57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

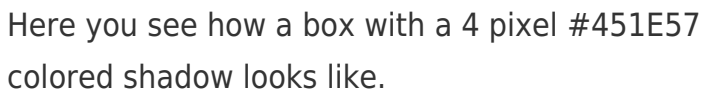
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#451E57 }
```

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

```
.border{ border-color:#451E57 }
```

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



Here you see how a box with a 4 pixel #451E57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451E57; -webkit-box-shadow:4px 4px  
4px 4px #451E57; box-shadow:4px 4px 4px  
4px #451E57 }
```

Background

The CSS property to change the background color of an element to Hex 451E57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451E57 }
```

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

```
.background{ background-color:#451E57 }
```

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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