

Converting Colors

Hex(451C8D)

Have a look what the booklet for
Hex(451C8D) contains.

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Color

Hex(451C8D)

Conversions

Conversions Part 1

Format	Color
Hex	451C8D
RGB	69, 28, 141
RGB Percent	27%, 11%, 55%
CMY	0.7294, 0.8902, 0.4471
CMYK	0.51, 0.80, 0.00, 0.45
HSL	262°, 67%, 33%
HSV	262°, 80%, 55%
XYZ	7.6772, 4.0188, 25.5704
YIQ	53.1410, -11.8370, 43.8350

Conversions

Conversions Part 2

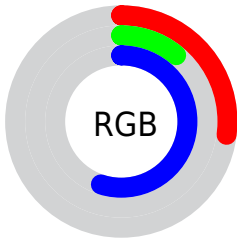
Format	Color
R_{YB}	69, 28, 141
Decimal	4529293
CIE _{Lab}	23.73, 44.87, -54.89
CIE _{LCh}	24, 70.893, 309.266
Yxy	4.0188, 0.2060, 0.1078
Android (android.graphics.Color)	4282719373 (0xFF451C8D)
YUV	53.1410, 43.3145, 13.9083
Hunter-Lab	20.0470, 33.2765, -61.5930

Details

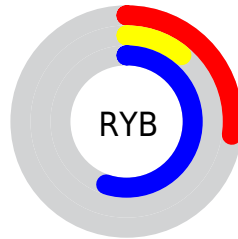
The Hex color **451C8D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **648D1C**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **7D4DC4**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **3C0E8D**, and if you desaturate by 10%, it is **4E2A8D**.

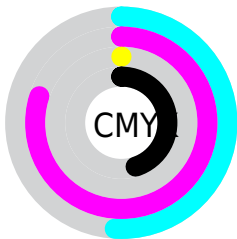
Distribution



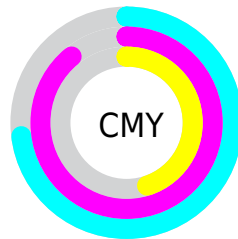
- Red (27%)
- Green (11%)
- Blue (55%)



- Red (27%)
- Yellow (11%)
- Blue (55%)



- Cyan (51%)
- Magenta (80%)
- Yellow (0%)
- Black (45%)



- Cyan (73%)
- Magenta (89%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451C8D 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 451C8D by changing the saturation by 10% instead.

451C8D

451C8D

FFFFFF

270173

7D4DC4

00005A

9966E0

000041

B580FD

00032A

D29BFF

000114

F0B6FF

000000

FFD2FF

FFEEFF

451C8D

451C8D

■ 3C0E8D

■ 4E2A8D

■ 33008D

■ 57388D

■ 60468D

■ 69548D

■ 72638D

■ 7B718D

■ 847F8D

■ 8D8D8D

■ 969B8D

Harmonies

Analogous

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



003CA5



451C8D



7F005F

Triad

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



451C8D



632600



004B48

Complementary

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



451C8D



648D1C

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.



00490D



451C8D



373C00

Square

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



451C8D



820000



004600



004C7C

Rectangle

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



451C8D



8D003D



004600



004B36

Sweetspot

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



451C8D



9C8CB8



1C658D



4B415C



DBDBDB



5C5C5C

Same Dimension

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



451C8D



4707B8



7C1C8D



434047



310087



030008

Inverse Universe

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



8D1C64



B80778



2D8D1C



474045



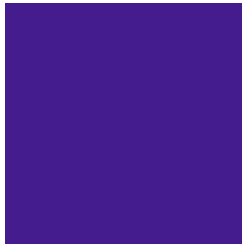
870056



080005

Previews

White Background



This preview shows how the Hex color 451C8D looks on a white background.

Color Contrast Check

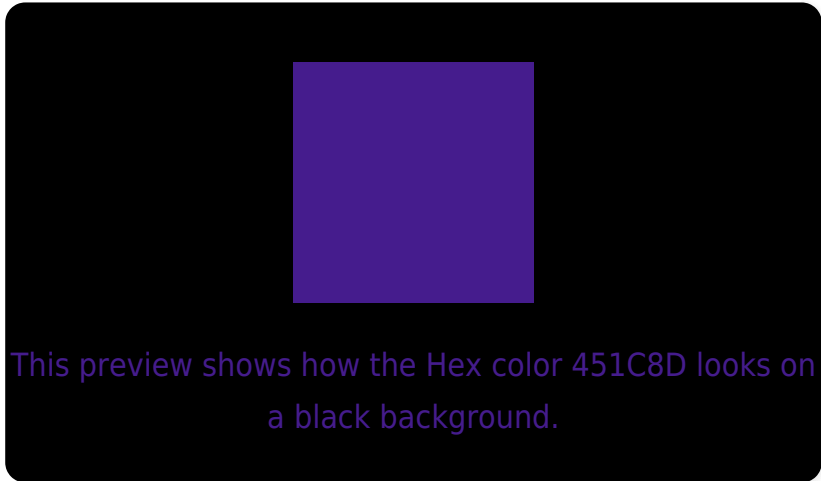
Large Text (above 18pt) WCAG AA ✓ Pass

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 451C8D Background



This preview shows how black text looks on a background with the Hex color 451C8D.

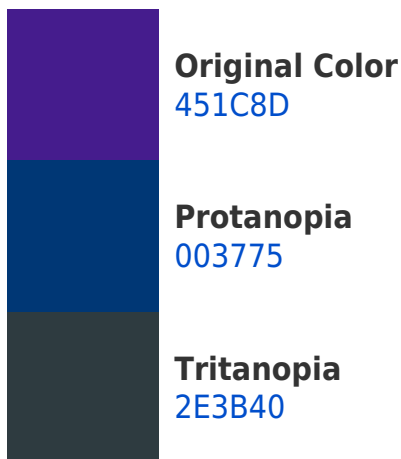


This preview shows how white text looks on a background with the Hex color 451C8D.

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



Trichromacy

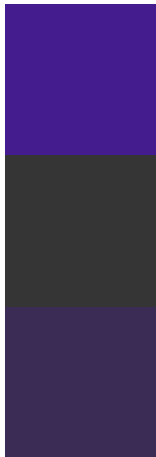


Original Color
451C8D

Protanomaly
192D7E

Tritanomaly
36305C

Monochromacy



Original Color
451C8D

Achromatopsia
353535

Achromatomaly
3B2C55

CSS Examples

Text

The CSS property to change the color of the text to Hex 451C8D 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 #451C8D looks like.

```
.text, #text, p{  
    color:#451C8D  
}
```

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 #451C8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451C8D
}
```

Border

The CSS property to change the border of an element to Hex 451C8D 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".

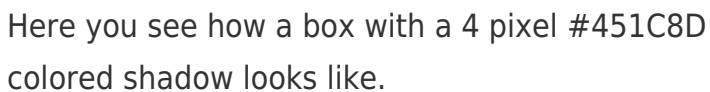
```
.border, #border, table{ border:4px solid
#451C8D }
```

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

```
.border{ border-color:#451C8D }
```

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

Here you see how a box with a 4 pixel #451C8D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451C8D; -webkit-box-shadow:4px 4px  
4px 4px #451C8D; box-shadow:4px 4px 4px  
4px #451C8D }
```

Background

The CSS property to change the background color of an element to Hex 451C8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451C8D }
```

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

```
.background{ background-color:#451C8D }
```

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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