

Converting Colors

Hex(451F9A)

Have a look what the booklet for
Hex(451F9A) contains.

Hex(451F9A)	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(451F9A)

Conversions

Conversions Part 1

Format	Color
Hex	451F9A
RGB	69, 31, 154
RGB Percent	27%, 12%, 60%
CMY	0.7294, 0.8784, 0.3961
CMYK	0.55, 0.80, 0.00, 0.40
HSL	259°, 66%, 36%
HSV	259°, 80%, 60%
XYZ	8.7770, 4.5783, 30.9929
YIQ	56.3840, -16.8350, 46.3090

Conversions

Conversions Part 2

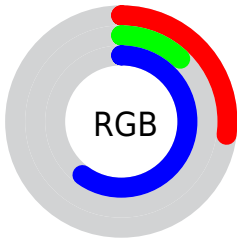
Format	Color
R _{YB}	69, 31, 154
Decimal	4530074
CIE Lab	25.50, 47.13, -60.01
CIE LCh	25, 76.307, 308.142
Yxy	4.5783, 0.1979, 0.1032
Android (android.graphics.Color)	4282720154 (0xFF451F9A)
YUV	56.3840, 48.1247, 11.0642
Hunter-Lab	21.3969, 35.7757, -70.9024

Details

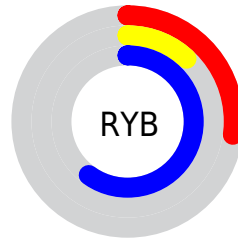
The Hex color **451F9A** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **749A1F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7E50D2**, and **000066** is the 20% darker color. If you saturate the color by 10%, you get **3A109A**, and if you desaturate by 10%, it is **502E9A**.

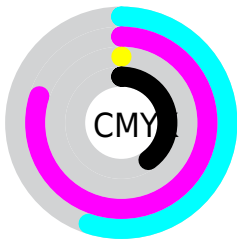
Distribution



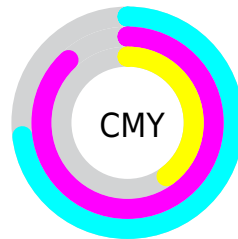
- Red (27%)
- Green (12%)
- Blue (60%)



- Red (27%)
- Yellow (12%)
- Blue (60%)



- Cyan (55%)
- Magenta (80%)
- Yellow (0%)
- Black (40%)



- Cyan (73%)
- Magenta (88%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451F9A 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 451F9A by changing the saturation by 10% instead.

451F9A

451F9A

FFFFFF

25037F

7E50D2

000066

9B6AEE

00004D

B884FF

000535

D59FFF

00021F

F3BAFF

000001

FFD6FF

000000

FFF3FF

451F9A

451F9A

■ 3A109A

■ 502E9A

■ 30009A

■ 5A3E9A

■ 654D9A

■ 705D9A

■ 7A6C9A

■ 857B9A

■ 8F8B9A

■ 9A9A9A

■ A5AA9A

Harmonies

Analogous

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



0041B3



451F9A



880069

Triad

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



451F9A



6C2700



00504C

Complementary

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



451F9A



749A1F

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.



004E09



451F9A



3D4000

Square

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



451F9A



8D0000



004A00



005184

Rectangle

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



451F9A



970043



004A00



005037

Sweetspot

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



451F9A



A899C9



1F759A



524866



E6E6E6



666666

Same Dimension

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



451F9A



4408C9



811F9A



47454D



2B008C



04000D

Inverse Universe

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



9A1F74



C9088E



389A1F



4D454A



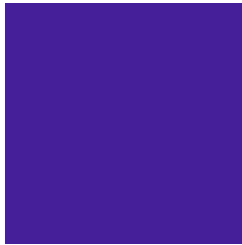
8C0061



0D0009

Previews

White Background



This preview shows how the Hex color 451F9A looks on a white background.

Color Contrast Check

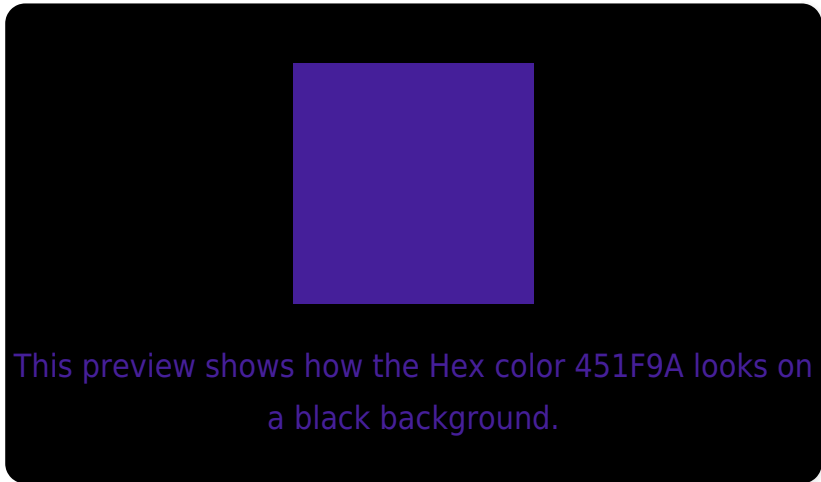
Large Text (above 18pt) WCAG AA ✓ Pass

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

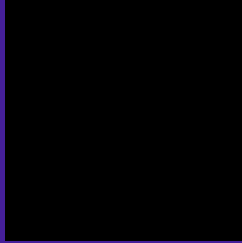
Any Text WCAG AA × Fail

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 451F9A Background



This preview shows how black text looks on a background with the Hex color 451F9A.



This preview shows how white text looks on a background with the Hex color 451F9A.

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](#).

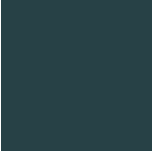
Dichromacy



Original Color
451F9A

Protanopia
003B7C

Deuteranopia
003F6A



Tritanopia
274146

Trichromacy



Original Color
451F9A

Protanomaly
193187

Deuteranomaly
19337B

Tritanomaly
323565

Monochromacy



Original Color
451F9A

Achromatopsia
383838

Achromatomaly
3D2F5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 451F9A 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 #451F9A looks like.

```
.text, #text, p{  
    color:#451F9A  
}
```

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 #451F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451F9A
}
```

Border

The CSS property to change the border of an element to Hex 451F9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

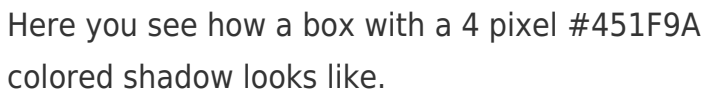
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#451F9A }
```

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

```
.border{ border-color:#451F9A }
```

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



Here you see how a box with a 4 pixel #451F9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451F9A; -webkit-box-shadow:4px 4px  
4px 4px #451F9A; box-shadow:4px 4px 4px  
4px #451F9A }
```

Background

The CSS property to change the background color of an element to Hex 451F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451F9A }
```

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

```
.background{ background-color:#451F9A }
```

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