

Converting Colors

Hex(451974)

Have a look what the booklet for
Hex(451974) contains.

Hex(451974)	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(451974)

Conversions

Conversions Part 1

Format	Color
Hex	451974
RGB	69, 25, 116
RGB Percent	27%, 10%, 45%
CMY	0.7294, 0.9020, 0.5451
CMYK	0.41, 0.78, 0.00, 0.55
HSL	269°, 65%, 28%
HSV	269°, 78%, 45%
XYZ	5.9543, 3.2214, 16.8310
YIQ	48.5300, -2.9870, 37.6290

Conversions

Conversions Part 2

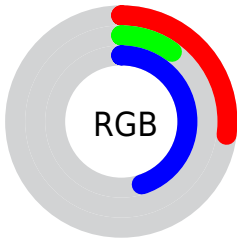
Format	Color
R_{YB}	69, 25, 116
Decimal	4528500
CIE _{Lab}	20.91, 39.49, -43.70
CIE _{LCh}	21, 58.895, 312.100
Y _{xy}	3.2214, 0.2290, 0.1239
Android (android.graphics.Color)	4282718580 (0xFF451974)
YUV	48.5300, 33.2627, 17.9522
Hunter-Lab	17.9483, 27.8068, -43.0351

Details

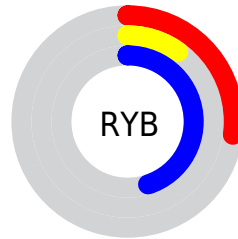
The Hex color **451974** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **487419**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7A49A9**, and **140043** is the 20% darker color. If you saturate the color by 10%, you get **3F0D74**, and if you desaturate by 10%, it is **4B2574**.

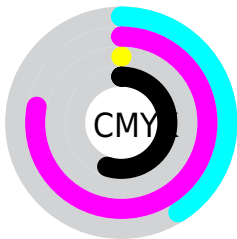
Distribution



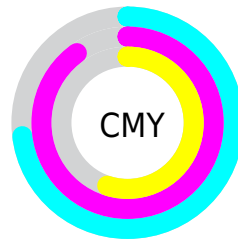
- Red (27%)
- Green (10%)
- Blue (45%)



- Red (27%)
- Yellow (10%)
- Blue (45%)



- Cyan (41%)
- Magenta (78%)
- Yellow (0%)
- Black (55%)



- Cyan (73%)
- Magenta (90%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451974 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 451974 by changing the saturation by 10% instead.

■ 451974

■ 451974

FFFFFF

■ 2B005B

■ 7A49A9

■ 140043

■ 9562C4

■ 00032C

■ B17CE1

■ 000116

■ CD96FE

■ 000000

■ EAB2FF

■ FFCDFE

■ FFEAFF

■ 451974

■ 451974

■ 3F0D74

■ 4B2574

■ 390274

■ 513074

■ 380074

■ 573C74

■ 5D4774

■ 635374

■ 695F74

■ 6F6A74

■ 757674

■ 7B8174

Harmonies

Analogous

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



003389



451974



6F004E

Triad

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



451974



532600



004244

Complementary

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



451974



487419

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.



004115



451974



2F3600

Square

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



451974



6E0000



003E00



00436D

Rectangle

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



451974



790031



003E00



004234

Sweetspot

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



451974



847296



194874



41364D



CCCCCC



4D4D4D

Same Dimension

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



451974



4D0996



721974



38353B



3B007A



7900FA

Inverse Universe

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



741948



960952



1B7419



3B3538



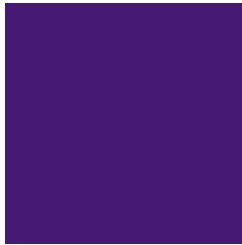
7A003F



FA0081

Previews

White Background



This preview shows how the Hex color 451974 looks on a white background.

Color Contrast Check

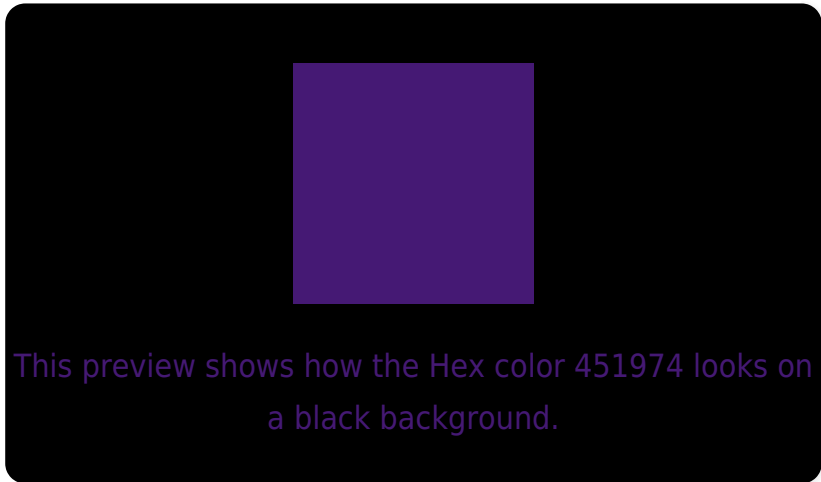
Large Text (above 18pt) WCAG AA ✓ Pass

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

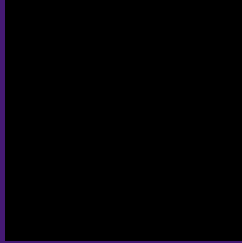
Any Text WCAG AA × Fail

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 451974 Background



This preview shows how black text looks on a background with the Hex color 451974.



This preview shows how white text looks on a background with the Hex color 451974.

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
451974

Protanopia
003269

Deuteranopia
00355A



Tritanopia
373236

Trichromacy



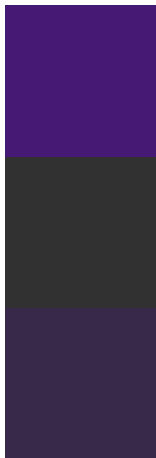
Original Color
451974

Protanomaly
19296D

Deuteranomaly
192B63

Tritanomaly
3C294D

Monochromacy



Original Color
451974

Achromatopsia
313131

Achromatomaly
382849

CSS Examples

Text

The CSS property to change the color of the text to Hex 451974 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 #451974 looks like.

```
.text, #text, p{  
    color:#451974  
}
```

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 #451974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451974
}
```

Border

The CSS property to change the border of an element to Hex 451974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

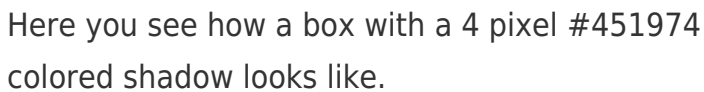
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#451974 }
```

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

```
.border{ border-color:#451974 }
```

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



Here you see how a box with a 4 pixel #451974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451974; -webkit-box-shadow:4px 4px  
4px 4px #451974; box-shadow:4px 4px 4px  
4px #451974 }
```

Background

The CSS property to change the background color of an element to Hex 451974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451974 }
```

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

```
.background{ background-color:#451974 }
```

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