

Converting Colors

Hex(451878)

Have a look what the booklet for
Hex(451878) contains.

Hex(451878)	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(451878)

Conversions

Conversions Part 1

Format	Color
Hex	451878
RGB	69, 24, 120
RGB Percent	27%, 9%, 47%
CMY	0.7294, 0.9059, 0.5294
CMYK	0.43, 0.80, 0.00, 0.53
HSL	268°, 67%, 28%
HSV	268°, 80%, 47%
XYZ	6.1710, 3.2745, 18.0761
YIQ	48.3990, -3.9960, 39.3960

Conversions

Conversions Part 2

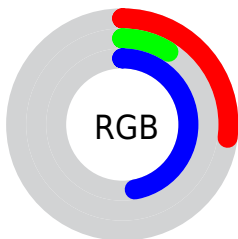
Format	Color
R_{YB}	69, 24, 120
Decimal	4528248
CIE _{Lab}	21.11, 41.00, -45.94
CIE _{LCh}	21, 61.569, 311.749
Yxy	3.2745, 0.2242, 0.1190
Android (android.graphics.Color)	4282718328 (0xFF451878)
YUV	48.3990, 35.2993, 18.0671
Hunter-Lab	18.0957, 29.2051, -46.5588

Details

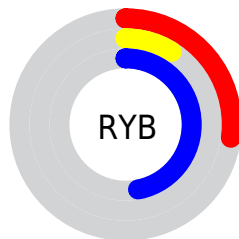
The Hex color **451878** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4B7818**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7A49AD**, and **120047** is the 20% darker color. If you saturate the color by 10%, you get **3F0C78**, and if you desaturate by 10%, it is **4B2478**.

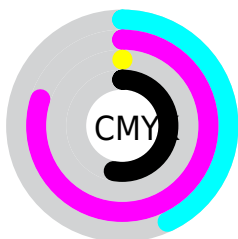
Distribution



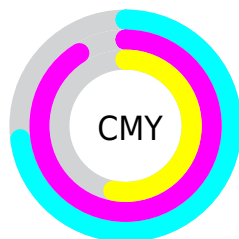
- Red (27%)
- Green (9%)
- Blue (47%)



- Red (27%)
- Yellow (9%)
- Blue (47%)



- Cyan (43%)
- Magenta (80%)
- Yellow (0%)
- Black (53%)



- Cyan (73%)
- Magenta (91%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451878 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 451878 by changing the saturation by 10% instead.

■ 451878

■ 451878

FFFFFF

■ 2A005F

■ 7A49AD

■ 120047

■ 9662C9

■ 00022F

■ B27CE5

■ 000119

■ CE96FF

■ 000000

■ EBB1FF

■ FFCDFE

■ FFE9FF

■ 451878

■ 451878

■ 3F0C78

■ 4B2478

■ 380078

■ 523078

■ 583C78

■ 5E4878

■ 655478

■ 6B6078

■ 726C78

■ 787878

■ 7E8478

Harmonies

Analogous

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



00348E



451878



720050

Triad

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



451878



552600



004344

Complementary

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



451878



4B7818

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.



004213



451878



2F3700

Square

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



451878



710000



003F00



00446F

Rectangle

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



451878



7C0032



003F00



004334

Sweetspot

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



451878



88769C



184B78



43384F



CFCFCF



4F4F4F

Same Dimension

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



451878



4C069C



751878



3A373D



3B007D



7600FC

Inverse Universe

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



78184B



9C0656



1B7818



3D373A



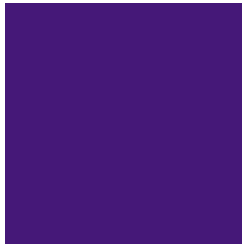
7D0042



FC0086

Previews

White Background



This preview shows how the Hex color 451878 looks on a white background.

Color Contrast Check

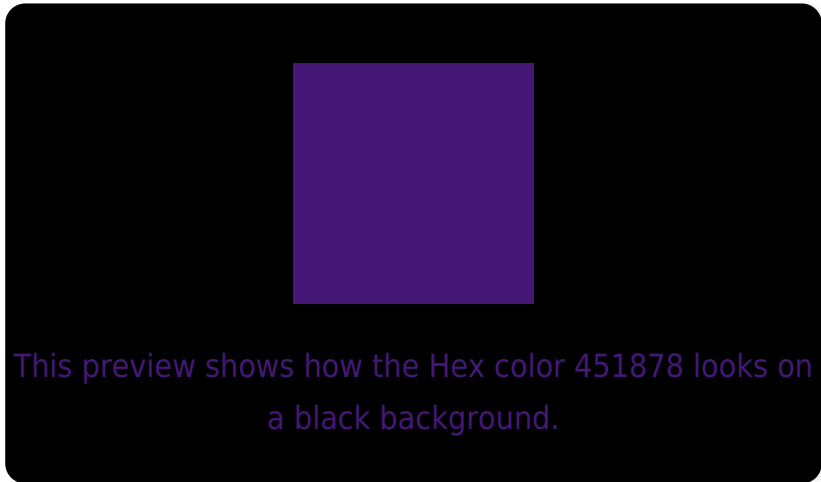
Large Text (above 18pt) WCAG AA ✓ Pass

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

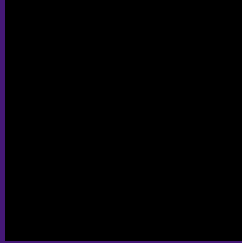
Any Text WCAG AA × Fail

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 451878 Background



This preview shows how black text looks on a background with the Hex color 451878.



This preview shows how white text looks on a background with the Hex color 451878.

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
451878

Protanopia
00326A

Deuteranopia
00355B



Tritanopia
363337

Trichromacy



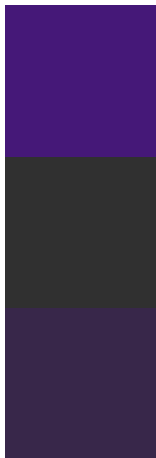
Original Color
451878

Protanomaly
19296F

Deuteranomaly
192A66

Tritanomaly
3B294F

Monochromacy



Original Color
451878

Achromatopsia
303030

Achromatomaly
38274A

CSS Examples

Text

The CSS property to change the color of the text to Hex 451878 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 #451878 looks like.

```
.text, #text, p{  
    color:#451878  
}
```

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 #451878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451878  
}
```

Border

The CSS property to change the border of an element to Hex 451878 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  
#451878 }
```

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

```
.border{ border-color:#451878 }
```

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

Here you see how a box with a 4 pixel #451878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451878; -webkit-box-shadow:4px 4px  
4px 4px #451878; box-shadow:4px 4px 4px  
4px #451878 }
```

Background

The CSS property to change the background color of an element to Hex 451878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451878 }
```

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

```
.background{ background-color:#451878 }
```

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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