

Converting Colors

Hex(461857)

Have a look what the booklet for
Hex(461857) contains.

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Color

Hex(461857)

Conversions

Conversions Part 1

Format	Color
Hex	461857
RGB	70, 24, 87
RGB Percent	27%, 9%, 34%
CMY	0.7255, 0.9059, 0.6588
CMYK	0.20, 0.72, 0.00, 0.66
HSL	284°, 57%, 22%
HSV	284°, 72%, 34%
XYZ	4.5727, 2.6435, 9.2861
YIQ	44.9360, 7.1930, 29.3450

Conversions

Conversions Part 2

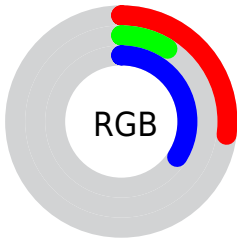
Format	Color
R_YB	70, 24, 87
Decimal	4593751
CIE _{Lab}	18.56, 32.90, -28.46
CIE _{LCh}	19, 43.503, 319.147
Yxy	2.6435, 0.2771, 0.1602
Android (android.graphics.Color)	4282783831 (0xFF461857)
YUV	44.9360, 20.7376, 21.9811
Hunter-Lab	16.2588, 21.7496, -22.4818

Details

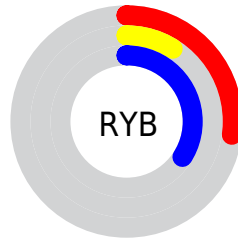
The Hex color **461857** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **295718**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **794789**, and **1B0029** is the 20% darker color. If you saturate the color by 10%, you get **440F57**, and if you desaturate by 10%, it is **482157**.

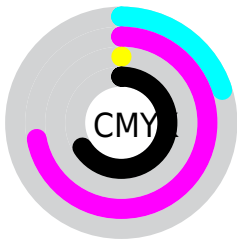
Distribution



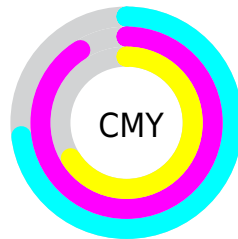
- Red (27%)
- Green (9%)
- Blue (34%)



- Red (27%)
- Yellow (9%)
- Blue (34%)



- Cyan (20%)
- Magenta (72%)
- Yellow (0%)
- Black (66%)



- Cyan (73%)
- Magenta (91%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 461857 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 461857 by changing the saturation by 10% instead.

■ 461857

■ 461857

FFFFFF

■ 2E003F

■ 794789

■ 1B0029

■ 9360A4

■ 000113

■ AE79BF

■ 000000

■ CA94DB

■ E7AFF8

■ FFCAFF

■ FFE7FF

■ 461857

■ 461857

■ 440F57

■ 482157

■ 410757

■ 4B2957

■ 400057

■ 4D3257

■ 4F3B57

■ 524457

■ 544C57

■ 565557

■ 595E57

■ 5B6657

Harmonies

Analogous

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



002A6A



461857



5E003A

Triad

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



461857



422800



003A41

Complementary

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



461857



295718

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.



003920



461857



263200

Square

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



461857



581700



003700



00395D

Rectangle

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



461857



630025



003700



003A36

Sweetspot

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



461857



6A5870



182A57



342A38



B8B8B8



383838

Same Dimension

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



461857



560F70



571849



2A272B



4E006B



AB00EB

Inverse Universe

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



571829



700F29



185726



2B2728



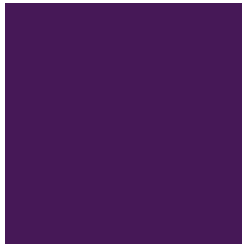
6B001D



EB003F

Previews

White Background



This preview shows how the Hex color 461857 looks on a white background.

Color Contrast Check

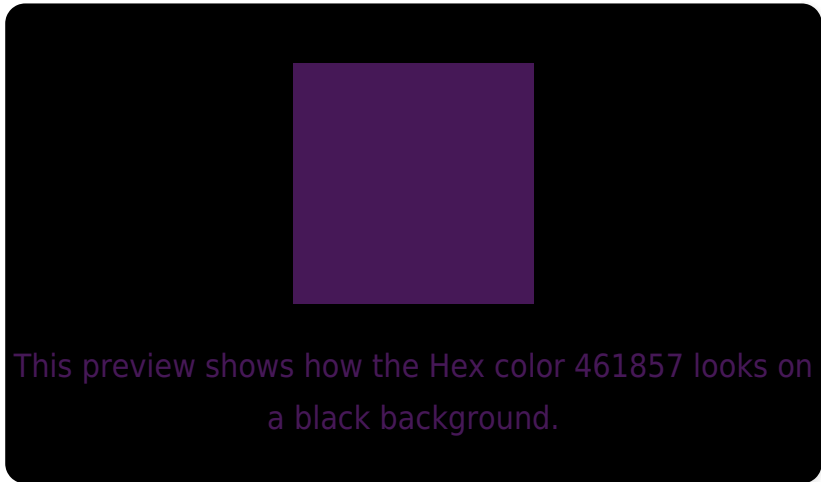
Large Text (above 18pt) WCAG AA ✓ Pass

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

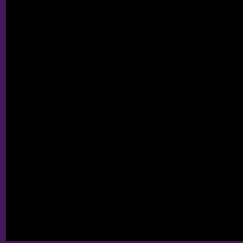
Any Text WCAG AA × Fail

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 461857 Background



This preview shows how black text looks on a background with the Hex color 461857.



This preview shows how white text looks on a background with the Hex color 461857.

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](#).

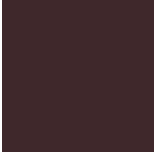
Dichromacy



Original Color
461857

Protanopia
002D5F

Deuteranopia
0B2F53



Tritanopia
3F282B

Trichromacy



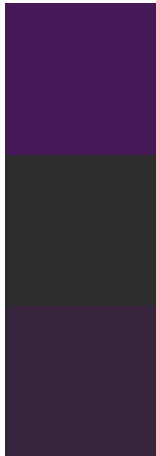
Original Color
461857

Protanomaly
19255C

Deuteranomaly
202754

Tritanomaly
42223B

Monochromacy



Original Color
461857

Achromatopsia
2D2D2D

Achromatomaly
36253C

CSS Examples

Text

The CSS property to change the color of the text to Hex 461857 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 #461857 looks like.

```
.text, #text, p{  
    color:#461857  
}
```

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 #461857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461857
}
```

Border

The CSS property to change the border of an element to Hex 461857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

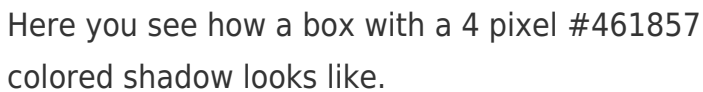
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#461857 }
```

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

```
.border{ border-color:#461857 }
```

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



Here you see how a box with a 4 pixel #461857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461857; -webkit-box-shadow:4px 4px  
4px 4px #461857; box-shadow:4px 4px 4px  
4px #461857 }
```

Background

The CSS property to change the background color of an element to Hex 461857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461857 }
```

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

```
.background{ background-color:#461857 }
```

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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