

Converting Colors

Hex(441768)

Have a look what the booklet for
Hex(441768) contains.

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Color

Hex(441768)

Conversions

Conversions Part 1

Format	Color
Hex	441768
RGB	68, 23, 104
RGB Percent	27%, 9%, 41%
CMY	0.7333, 0.9098, 0.5922
CMYK	0.35, 0.78, 0.00, 0.59
HSL	273°, 64%, 25%
HSV	273°, 78%, 41%
XYZ	5.1890, 2.8412, 13.3716
YIQ	45.6890, 0.8190, 34.7310

Conversions

Conversions Part 2

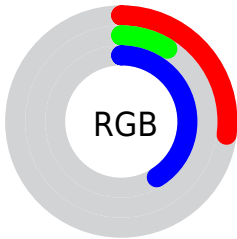
Format	Color
RYB	68, 23, 104
Decimal	4462440
CIELab	19.40, 37.11, -38.38
CIELCh	19, 53.388, 314.032
Yxy	2.8412, 0.2425, 0.1328
Android (android.graphics.Color)	4282652520 (0xFF441768)
YUV	45.6890, 28.7473, 19.5667
Hunter-Lab	16.8559, 25.4523, -35.2351

Details

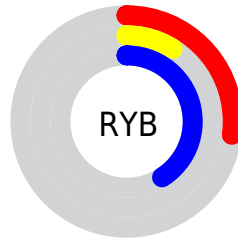
The Hex color **441768** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3B6817**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **78479C**, and **170038** is the 20% darker color. If you saturate the color by 10%, you get **3F0D68**, and if you desaturate by 10%, it is **492168**.

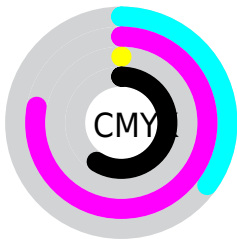
Distribution



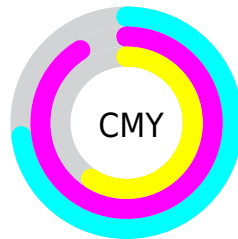
- Red (27%)
- Green (9%)
- Blue (41%)



- Red (27%)
- Yellow (9%)
- Blue (41%)



- Cyan (35%)
- Magenta (78%)
- Yellow (0%)
- Black (59%)



- Cyan (73%)
- Magenta (91%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 441768 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 441768 by changing the saturation by 10% instead.

■ 441768

■ 441768

FFFFFF

■ 2B004F

■ 78479C

■ 170038

■ 9360B7

■ 000222

■ AE79D3

■ 000007

■ CA94EF

■ 000000

■ E7AFFF

■ FFCAFF

■ FFE7FF

■ 441768

■ 441768

■ 3F0D68

■ 492168

■ 3B0268

■ 4D2C68

■ 3A0068

■ 523668

■ 564168

■ 5B4B68

■ 605568

■ 646068

■ 696A68

■ 6E7568

Harmonies

Analogous

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



002F7C



441768



670045

Triad

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



441768



4C2500



003E41

Complementary

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



441768



3B6817

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.



003D18



441768



2A3300

Square

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



441768



640700



003A00



003E65

Rectangle

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



441768



6F002C



003A00



003E34

Sweetspot

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



441768



796887



173B68



3C3245



C4C4C4



454545

Same Dimension

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



441768



4F0987



681764



312E33



400073



8700F2

Inverse Universe

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



68173B



870941



17681B



332E30



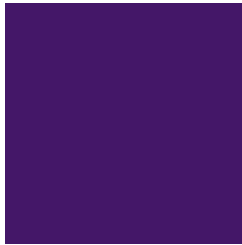
730033



F2006C

Previews

White Background



This preview shows how the Hex color 441768 looks on a white background.

Color Contrast Check

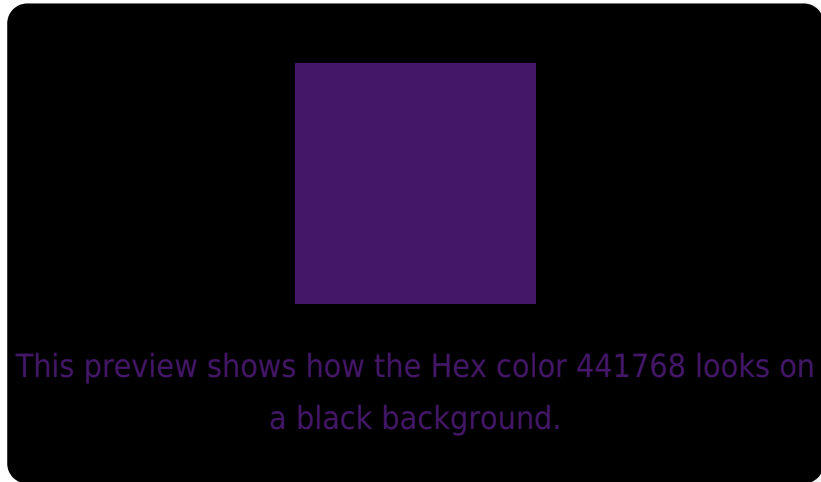
Large Text (above 18pt) WCAG AA ✓ Pass

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

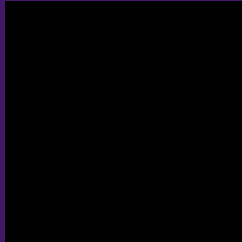
Any Text WCAG AA × Fail

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 441768 Background



This preview shows how black text looks on a background with the Hex color 441768.



This preview shows how white text looks on a background with the Hex color 441768.

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
441768

Protanopia
002F62

Deuteranopia
003155



Tritanopia
392D30

Trichromacy



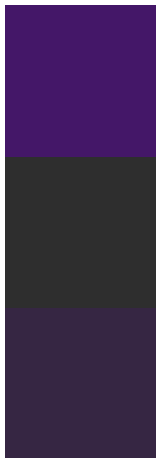
Original Color
441768

Protanomaly
192664

Deuteranomaly
19285C

Tritanomaly
3D2544

Monochromacy



Original Color
441768

Achromatopsia
2E2E2E

Achromatomaly
362643

CSS Examples

Text

The CSS property to change the color of the text to Hex 441768 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 #441768 looks like.

```
.text, #text, p{  
    color:#441768  
}
```

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 #441768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #441768
}
```

Border

The CSS property to change the border of an element to Hex 441768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

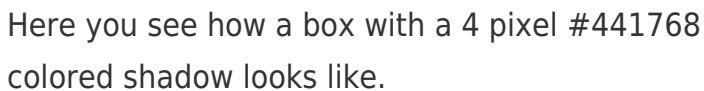
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#441768 }
```

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

```
.border{ border-color:#441768 }
```

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



Here you see how a box with a 4 pixel #441768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #441768; -webkit-box-shadow:4px 4px  
4px 4px #441768; box-shadow:4px 4px 4px  
4px #441768 }
```

Background

The CSS property to change the background color of an element to Hex 441768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#441768 }
```

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

```
.background{ background-color:#441768 }
```

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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