

Converting Colors

Hex(402769)

Have a look what the booklet for
Hex(402769) contains.

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Color

Hex(402769)

Conversions

Conversions Part 1

Format	Color
Hex	402769
RGB	64, 39, 105
RGB Percent	25%, 15%, 41%
CMY	0.7490, 0.8471, 0.5882
CMYK	0.39, 0.63, 0.00, 0.59
HSL	263°, 46%, 28%
HSV	263°, 63%, 41%
XYZ	5.3897, 3.5609, 13.7679
YIQ	53.9990, -6.2860, 25.8260

Conversions

Conversions Part 2

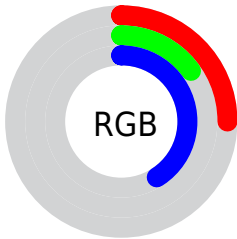
Format	Color
RYB	64, 39, 105
Decimal	4204393
CIELab	22.16, 27.60, -34.59
CIELCh	22, 44.246, 308.586
Yxy	3.5609, 0.2372, 0.1567
Android (android.graphics.Color)	4282394473 (0xFF402769)
YUV	53.9990, 25.1435, 8.7709
Hunter-Lab	18.8705, 17.9588, -30.0486

Details

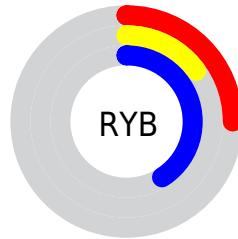
The Hex color **402769** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **506927**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **73559D**, and **120039** is the 20% darker color. If you saturate the color by 10%, you get **391C69**, and if you desaturate by 10%, it is **473169**.

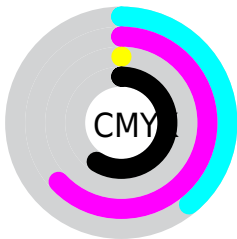
Distribution



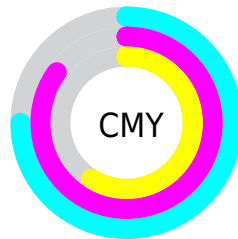
- Red (25%)
- Green (15%)
- Blue (41%)



- Red (25%)
- Yellow (15%)
- Blue (41%)



- Cyan (39%)
- Magenta (63%)
- Yellow (0%)
- Black (59%)



- Cyan (75%)
- Magenta (85%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402769 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 402769 by changing the saturation by 10% instead.



402769



402769

FFFFFF



271150



73559D



120039



8D6EB8



000223



A888D4



000009



C4A2F0



000000



E1BDFF



FED9FF



FFF6FF



402769



402769

■ 391C69

■ 473169

■ 331269

■ 4D3C69

■ 2C0769

■ 544769

■ 280069

■ 5A5169

■ 615C69

■ 676669

■ 6E7169

■ 747B69

■ 7B8569

Harmonies

Analogous

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



003677



402769



62114E

Triad

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



402769



552A00



00433E

Complementary

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



402769



506927

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.



00421B



402769



3A3700

Square

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



402769



67180D



143E00



00425E

Rectangle

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



402769



6C0538



143E00



004332

Sweetspot

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



402769



79708A



275169



3B3545



C4C4C4



454545

Same Dimension

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



402769



4A228A



602769



323036



2C0075



5D00F5

Inverse Universe

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



692750



8A2263



306927



363034



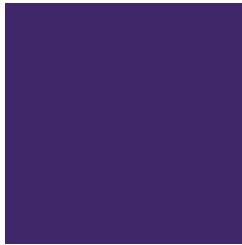
750049



F50098

Previews

White Background



This preview shows how the Hex color 402769 looks on a white background.

Color Contrast Check

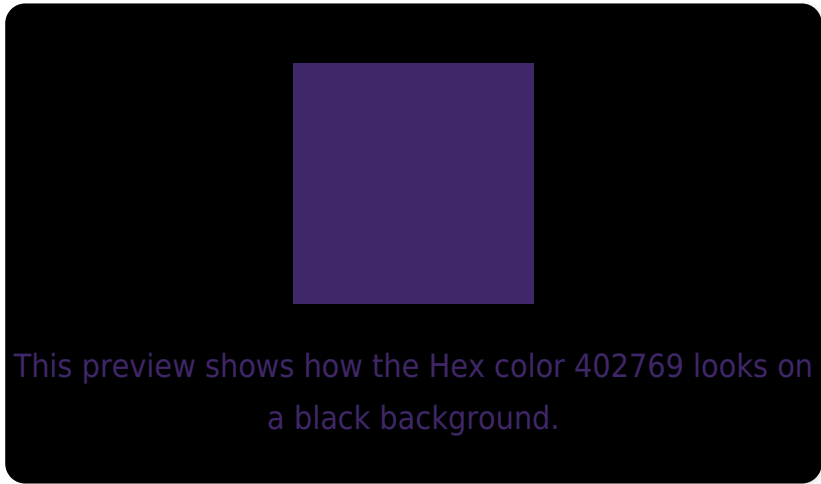
Large Text (above 18pt) WCAG AA ✓ Pass

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 402769 Background



This preview shows how black text looks on a background with the Hex color 402769.

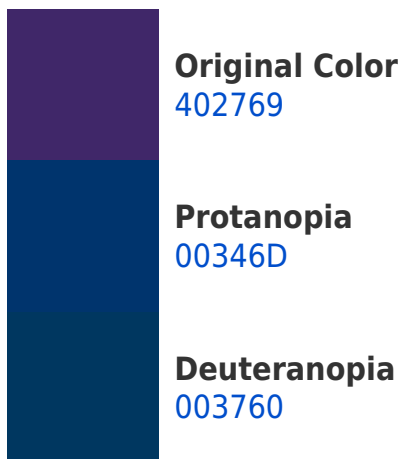



This preview shows how white text looks on a background with the Hex color 402769.

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





Tritanopia
353539

Trichromacy



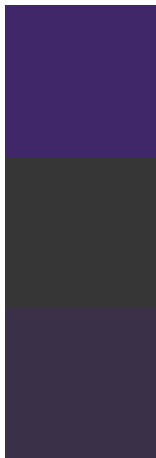
Original Color
402769

Protanomaly
172F6C

Deuteranomaly
173163

Tritanomaly
39304A

Monochromacy



Original Color
402769

Achromatopsia
363636

Achromatomaly
3A3149

CSS Examples

Text

The CSS property to change the color of the text to Hex 402769 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 #402769 looks like.

```
.text, #text, p{  
    color:#402769  
}
```

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 #402769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402769
}
```

Border

The CSS property to change the border of an element to Hex 402769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

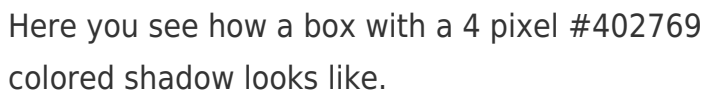
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#402769 }
```

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

```
.border{ border-color:#402769 }
```

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



Here you see how a box with a 4 pixel #402769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402769; -webkit-box-shadow:4px 4px  
4px 4px #402769; box-shadow:4px 4px 4px  
4px #402769 }
```

Background

The CSS property to change the background color of an element to Hex 402769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402769 }
```

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

```
.background{ background-color:#402769 }
```

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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