

# Converting Colors

Hex(402E96)

Have a look what the booklet for  
Hex(402E96) contains.

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# Color

**Hex(402E96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	402E96
RGB	64, 46, 150
RGB Percent	25%, 18%, 59%
CMY	0.7490, 0.8196, 0.4118
CMYK	0.57, 0.69, 0.00, 0.41
HSL	250°, 53%, 38%
HSV	250°, 69%, 59%
XYZ	8.5964, 5.2460, 29.4137
YIQ	63.2380, -22.6560, 36.1600

# Conversions

## Conversions Part 2

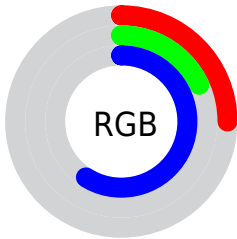
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	64, 46, 150
Decimal	4206230
CIE <sub>Lab</sub>	27.42, 37.26, -54.42
CIE <sub>LCh</sub>	27, 65.954, 304.402
Yxy	5.2460, 0.1987, 0.1213
Android (android.graphics.Color)	4282396310 (0xFF402E96)
YUV	63.2380, 42.7737, 0.6683
Hunter-Lab	22.9041, 26.9124, -60.1078

# Details

The Hex color **402E96** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **84962E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **785DCD**, and **000362** is the 20% darker color. If you saturate the color by 10%, you get **341F96**, and if you desaturate by 10%, it is **4C3D96**.

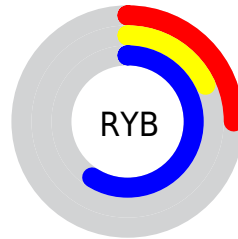
# Distribution



Red (25%)

Green (18%)

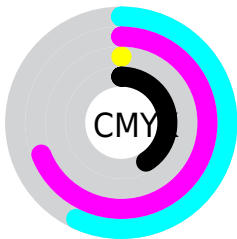
Blue (59%)



Red (25%)

Yellow (18%)

Blue (59%)

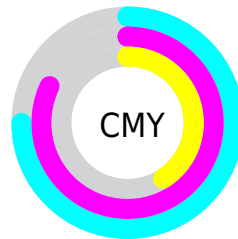


Cyan (57%)

Magenta (69%)

Yellow (0%)

Black (41%)



Cyan (75%)

Magenta (82%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 402E96 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 402E96 by changing the saturation by 10% instead.



■ 402E96

■ 402E96

FFFFFF

■ 20187C

■ 785DCD

■ 000362

■ 9577EA

■ 000049

■ B191FF

■ 000432

■ CEABFF

■ 00011C

■ EBC7FF

■ 000000

■ FFE3FF

■ 402E96

■ 402E96

■ 341F96

■ 4C3D96

■ 271096

■ 594C96

■ 1B0196

■ 655B96

■ 1A0096

■ 726A96

■ 7E7996

■ 8A8896

■ 979796

■ A3A696

■ B0B596

# Harmonies

## Analogous

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



0046A8



402E96



80006E

# Triad

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



402E96



712B00



005447

# Complementary

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



402E96



84962E

# 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.



00520E



402E96



4A4200

# Square

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



402E96



8C0009



084D00



00547A

# Rectangle

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



402E96



91004D



084D00



005335



# Sweetspot

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



402E96



A099C2



2E8596



4D4961



E0E0E0



616161



# Same Dimension

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



402E96



3D21C2



732E96



44434A



18008A



02000A



# Inverse Universe

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



962E84



C221A6



51962E



4A4349



8A0072



0A0008



# Previews

## White Background



This preview shows how the Hex color 402E96 looks on a white background.

## Color Contrast Check

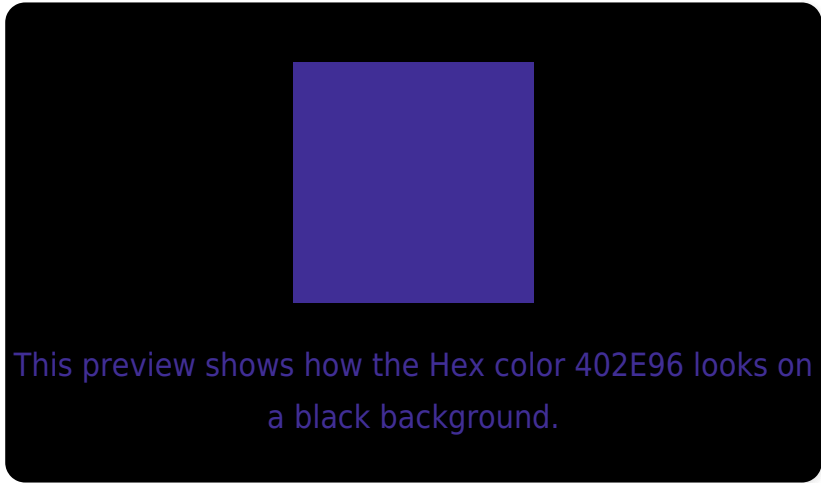
Large Text (above 18pt) WCAG AA ✓ Pass

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

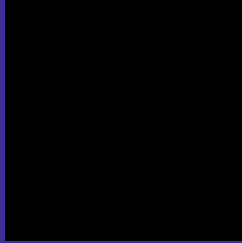
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 402E96 Background



This preview shows how black text looks on a background with the Hex color 402E96.

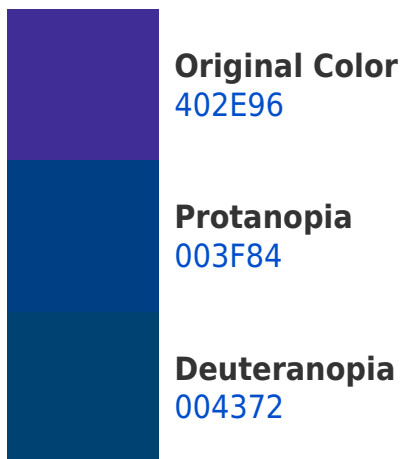


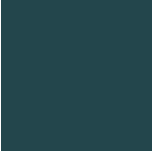
This preview shows how white text looks on a background with the Hex color 402E96.

# 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**  
23464C

# Trichromacy



**Original Color**  
402E96

**Protanomaly**  
17398B

**Deuteranomaly**  
173B7F

**Tritanomaly**  
2E3D67

# Monochromacy



**Original Color**  
402E96

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
3F395F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 402E96 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 #402E96 looks like.

```
.text, #text, p{  
    color:#402E96  
}
```

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 #402E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402E96
}
```

## Border

The CSS property to change the border of an element to Hex 402E96 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
#402E96 }
```

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

```
.border{ border-color:#402E96 }
```

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

Here you see how a box with a 4 pixel #402E96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402E96; -webkit-box-shadow:4px 4px  
4px 4px #402E96; box-shadow:4px 4px 4px  
4px #402E96 }
```

# Background

The CSS property to change the background color of an element to Hex 402E96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402E96 }
```

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

```
.background{ background-color:#402E96 }
```

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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