

# Converting Colors

Hex(482665)

Have a look what the booklet for  
Hex(482665) contains.

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# Color

**Hex(482665)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	482665
RGB	72, 38, 101
RGB Percent	28%, 15%, 40%
CMY	0.7176, 0.8510, 0.6039
CMYK	0.29, 0.62, 0.00, 0.60
HSL	272°, 45%, 27%
HSV	272°, 62%, 40%
XYZ	5.7146, 3.7035, 12.7256
YIQ	55.3480, 0.0410, 26.8010

# Conversions

## Conversions Part 2

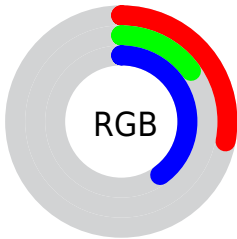
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 38, 101
Decimal	4728421
CIE <sub>Lab</sub>	22.67, 29.21, -31.12
CIE <sub>LCh</sub>	23, 42.683, 313.191
Yxy	3.7035, 0.2581, 0.1672
Android (android.graphics.Color)	4282918501 (0xFF482665)
YUV	55.3480, 22.5064, 14.6038
Hunter-Lab	19.2446, 19.3266, -25.7347

# Details

The Hex color **482665** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **436526**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7B5598**, and **1B0036** is the 20% darker color. If you saturate the color by 10%, you get **431C65**, and if you desaturate by 10%, it is **4D3065**.

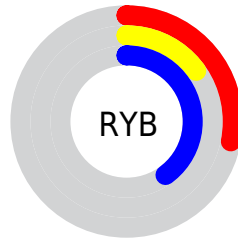
# Distribution



Red (28%)

Green (15%)

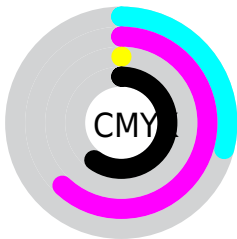
Blue (40%)



Red (28%)

Yellow (15%)

Blue (40%)

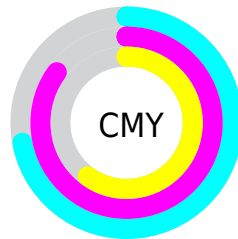


Cyan (29%)

Magenta (62%)

Yellow (0%)

Black (60%)



Cyan (72%)

Magenta (85%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 482665 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 482665 by changing the saturation by 10% instead.





482665



482665

FFFFFF



30104D



7B5598



1B0036



956EB3



00021F



B087CF



000003



CCA2EB



000000



E9BDFF



FFD9FF



FFF6FF



482665



482665

■ 431C65

■ 4D3065

■ 3F1265

■ 513A65

■ 3A0865

■ 564465

■ 370065

■ 5B4E65

■ 5F5965

■ 646365

■ 696D65

■ 6D7765

■ 728165

# Harmonies

## Analogous

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



003575



482665



651349

# Triad

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



482665



522E00



004444

# Complementary

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



482665



436526

# 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.



004322



482665



373900

# Square

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



482665



651E0A



0E4000



004361

# Rectangle

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



482665



6C0B34



0E4000



004439



# Sweetspot

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



482665



776982



264365



3B3342



C2C2C2



424242



# Same Dimension

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



482665



552182



652663



312E33



3E0073



8300F2



# Inverse Universe

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



652643



82214D



266528



332E30



730035



F20070



# Previews

## White Background



This preview shows how the Hex color 482665 looks on a white background.

## Color Contrast Check

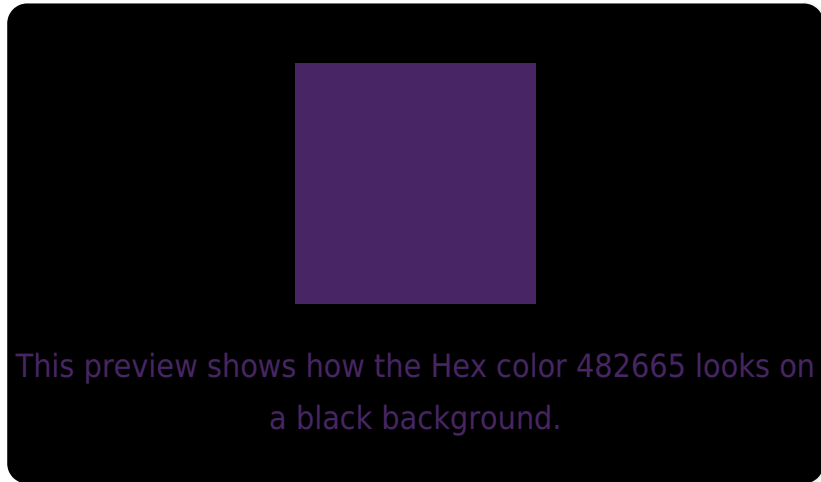
Large Text (above 18pt) WCAG AA ✓ Pass

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

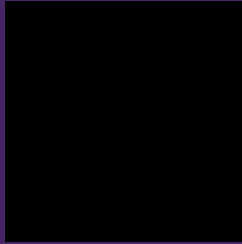
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 482665 Background



This preview shows how black text looks on a background with the Hex color 482665.



This preview shows how white text looks on a background with the Hex color 482665.

# 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](#).

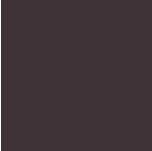
## Dichromacy



**Original Color**  
482665

**Protanopia**  
003570

**Deuteranopia**  
0E3861



**Tritanopia**  
403337

# Trichromacy



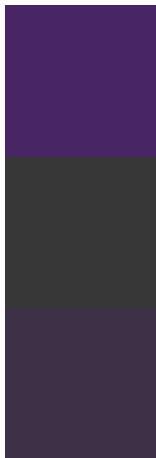
**Original Color**  
482665

**Protanomaly**  
1A306C

**Deuteranomaly**  
233162

**Tritanomaly**  
432E48

# Monochromacy



**Original Color**  
482665

**Achromatopsia**  
373737

**Achromatomaly**  
3D3148

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 482665 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 #482665 looks like.

```
.text, #text, p{  
    color:#482665  
}
```

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 #482665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #482665
}
```

## Border

The CSS property to change the border of an element to Hex 482665 is called "border". The border property can be set on classes, ids or directly on the HTML element.

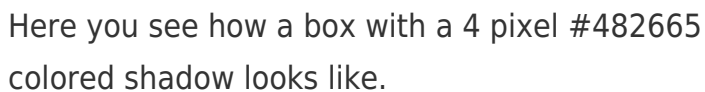
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#482665 }
```

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

```
.border{ border-color:#482665 }
```

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



Here you see how a box with a 4 pixel #482665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #482665; -webkit-box-shadow:4px 4px  
4px 4px #482665; box-shadow:4px 4px 4px  
4px #482665 }
```

# Background

The CSS property to change the background color of an element to Hex 482665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#482665 }
```

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

```
.background{ background-color:#482665 }
```

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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