

# Converting Colors

Hex(492E8E)

Have a look what the booklet for  
Hex(492E8E) contains.

<b>Hex(492E8E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(492E8E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	492E8E
RGB	73, 46, 142
RGB Percent	29%, 18%, 56%
CMY	0.7137, 0.8196, 0.4431
CMYK	0.49, 0.68, 0.00, 0.44
HSL	257°, 51%, 37%
HSV	257°, 68%, 56%
XYZ	8.6071, 5.3235, 26.1651
YIQ	65.0170, -14.7240, 35.5800

# Conversions

## Conversions Part 2

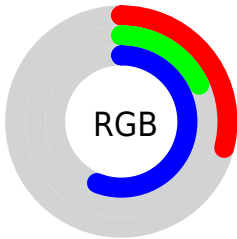
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 46, 142
Decimal	4796046
CIE <sub>Lab</sub>	27.64, 36.44, -49.11
CIE <sub>LCh</sub>	28, 61.149, 306.578
Yxy	5.3235, 0.2147, 0.1328
Android (android.graphics.Color)	4282986126 (0xFF492E8E)
YUV	65.0170, 37.9526, 7.0011
Hunter-Lab	23.0726, 26.2116, -51.0859

# Details

The Hex color **492E8E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **738E2E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7F5EC5**, and **0A025B** is the 20% darker color. If you saturate the color by 10%, you get **3F208E**, and if you desaturate by 10%, it is **533C8E**.

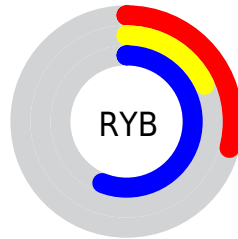
# Distribution



Red (29%)

Green (18%)

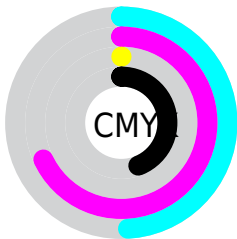
Blue (56%)



Red (29%)

Yellow (18%)

Blue (56%)

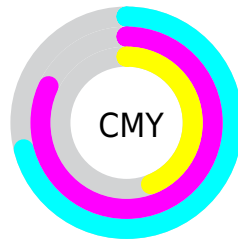


Cyan (49%)

Magenta (68%)

Yellow (0%)

Black (44%)



Cyan (71%)

Magenta (82%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 492E8E 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 492E8E by changing the saturation by 10% instead.



 492E8E

 492E8E

FFFFFF

 2D1774

 7F5EC5

 0A025B

 9B77E1

 000043

 B791FE

 00032B

 D4ACFF

 000116

 F1C7FF

 000000

 FFE4FF

 492E8E

 492E8E

 3F208E

 533C8E

■ 35128E

■ 5D4A8E

■ 2A038E

■ 68598E

■ 28008E

■ 72678E

■ 7C758E

■ 86838E

■ 90918E

■ 9BA08E

■ A5AE8E

# Harmonies

## Analogous

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



0045A1



492E8E



7E0068

# Triad

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



492E8E



6D3000



00544B

# Complementary

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



492E8E



738E2E

# 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.



005218



492E8E



484300

# Square

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



492E8E



87060A



0D4D00



005479

# Rectangle

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



492E8E



8D0049



0D4D00



00533A



# Sweetspot

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



492E8E



9D93B8



2E748E



4C465C



DBDBDB



5C5C5C



# Same Dimension

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



492E8E



4D23B8



782E8E



424047



260087



020008



# Inverse Universe

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



8E2E73



B8238E



448E2E



474045



870061

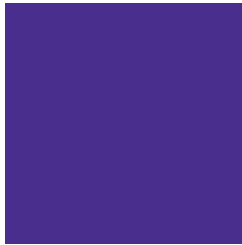


080005



# Previews

## White Background



This preview shows how the Hex color 492E8E looks on a white background.

## Color Contrast Check

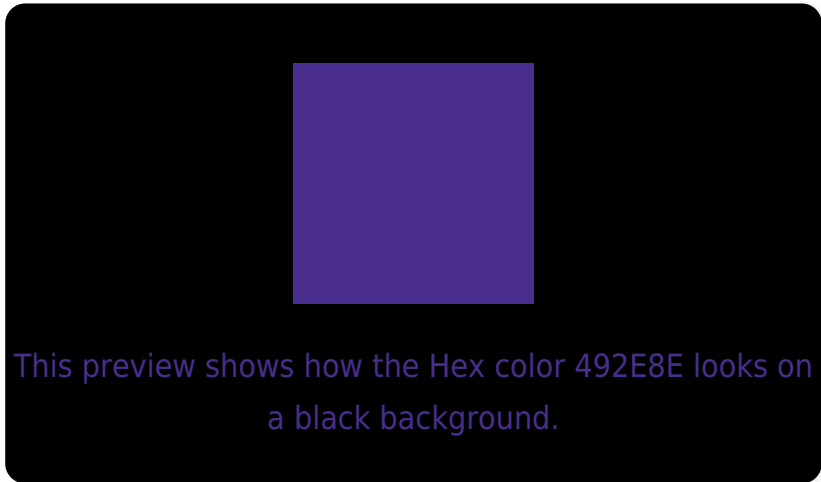
Large Text (above 18pt) WCAG AA ✓ Pass

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

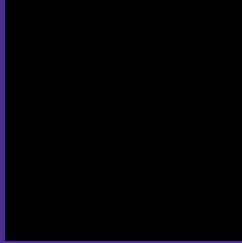
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 492E8E Background



This preview shows how black text looks on a background with the Hex color 492E8E.



This preview shows how white text looks on a background with the Hex color 492E8E.

# 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](#).

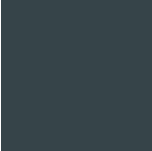
## Dichromacy



**Original Color**  
492E8E

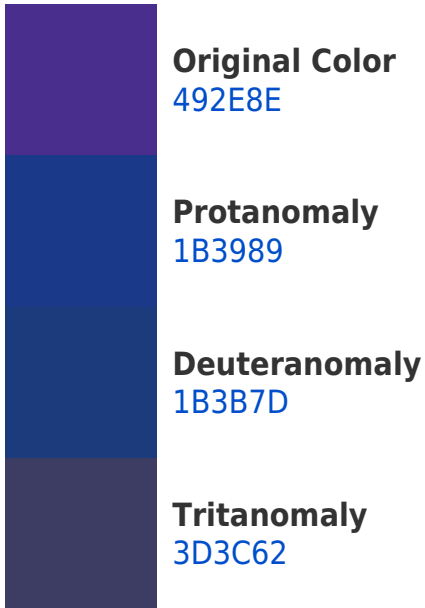
**Protanopia**  
003F86

**Deuteranopia**  
004374

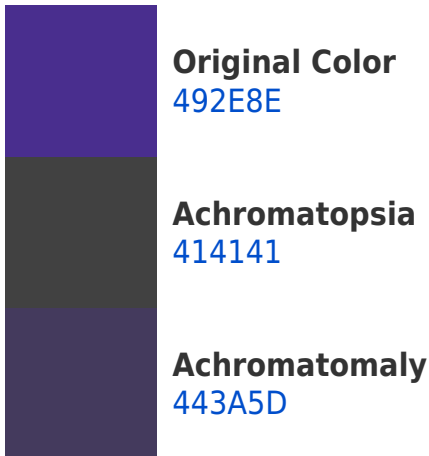


**Tritanopia**  
364449

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 492E8E 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 #492E8E looks like.

```
.text, #text, p{  
    color:#492E8E  
}
```

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 #492E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #492E8E
}
```

## Border

The CSS property to change the border of an element to Hex 492E8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

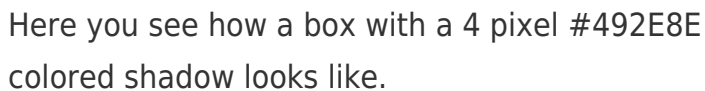
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#492E8E }
```

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

```
.border{ border-color:#492E8E }
```

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



Here you see how a box with a 4 pixel #492E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #492E8E; -webkit-box-shadow:4px 4px  
4px 4px #492E8E; box-shadow:4px 4px 4px  
4px #492E8E }
```

# Background

The CSS property to change the background color of an element to Hex 492E8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#492E8E }
```

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

```
.background{ background-color:#492E8E }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor