

# Converting Colors

Hex(492288)

Have a look what the booklet for  
Hex(492288) contains.

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# Color

**Hex(492288)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	492288
RGB	73, 34, 136
RGB Percent	29%, 13%, 53%
CMY	0.7137, 0.8667, 0.4667
CMYK	0.46, 0.75, 0.00, 0.47
HSL	263°, 60%, 33%
HSV	263°, 75%, 53%
XYZ	7.7636, 4.3381, 23.7207
YIQ	57.2890, -9.4980, 39.9900

# Conversions

## Conversions Part 2

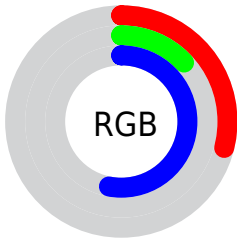
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 34, 136
Decimal	4792968
CIE <sub>Lab</sub>	24.76, 41.26, -50.07
CIE <sub>LCh</sub>	25, 64.877, 309.489
Yxy	4.3381, 0.2167, 0.1211
Android (android.graphics.Color)	4282983048 (0xFF492288)
YUV	57.2890, 38.8045, 13.7785
Hunter-Lab	20.8281, 30.0862, -52.9445

# Details

The Hex color **492288** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **618822**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7F52BE**, and **0D0055** is the 20% darker color. If you saturate the color by 10%, you get **411488**, and if you desaturate by 10%, it is **513088**.

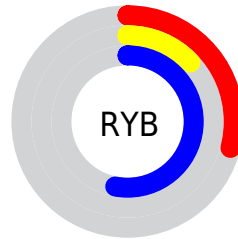
# Distribution



Red (29%)

Green (13%)

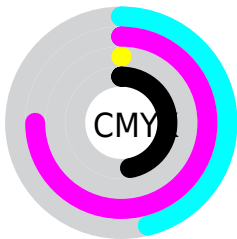
Blue (53%)



Red (29%)

Yellow (13%)

Blue (53%)

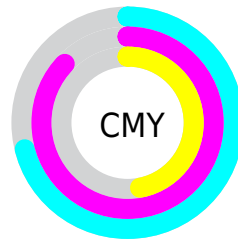


Cyan (46%)

Magenta (75%)

Yellow (0%)

Black (47%)



Cyan (71%)

Magenta (87%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 492288 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 492288 by changing the saturation by 10% instead.



■ 492288

■ 492288

FFFFFF

■ 2D086E

■ 7F52BE

■ 0D0055

■ 9B6CDA

■ 00003D

■ B785F7

■ 000326

■ D4A0FF

■ 00010F

■ F1BCFF

■ 000000

■ FFD8FF

■ FFF4FF

■ 492288

■ 492288

■ 411488

■ 513088

■ 380788

■ 5A3D88

■ 340088

■ 624B88

■ 6B5888

■ 736688

■ 7B7488

■ 848188

■ 8C8F88

■ 959C88

# Harmonies

## Analogous

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



003D9E



492288



7D005E

# Triad

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



492288



632B00



004D4A

# Complementary

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



492288



618822

# 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.



004B15



492288



3B3E00

# Square

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



492288



800000



004700



004D79

# Rectangle

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



492288



8A003E



004700



004D39



# Sweetspot

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



492288



9787B0



226388



4A4059



D9D9D9



595959



# Same Dimension

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



492288



4E12B0



7A2288



413E45



330085



020005



# Inverse Universe

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



882261



B01273



308822



453E42



850052

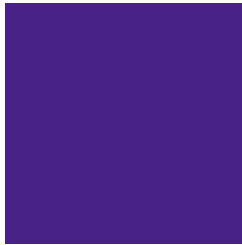


050003



# Previews

## White Background



This preview shows how the Hex color 492288 looks on a white background.

## Color Contrast Check

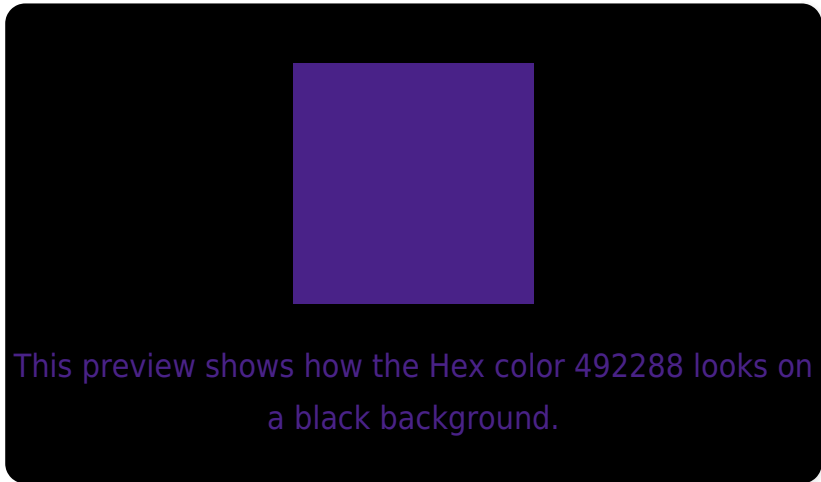
Large Text (above 18pt) WCAG AA ✓ Pass

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

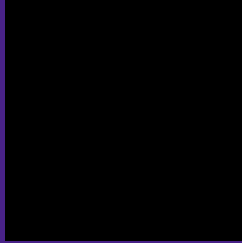
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 492288 Background



This preview shows how black text looks on a background with the Hex color 492288.



This preview shows how white text looks on a background with the Hex color 492288.

# 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**  
492288

**Protanopia**  
003979

**Deuteranopia**  
003D68



**Tritanopia**  
373C41

# Trichromacy



**Original Color**  
492288

**Protanomaly**  
1B317E

**Deuteranomaly**  
1B3374

**Tritanomaly**  
3E335B

# Monochromacy



**Original Color**  
492288

**Achromatopsia**  
393939

**Achromatomaly**  
3F3156

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 492288 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 #492288 looks like.

```
.text, #text, p{  
    color:#492288  
}
```

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 #492288 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #492288
}
```

## Border

The CSS property to change the border of an element to Hex 492288 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
#492288 }
```

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

```
.border{ border-color:#492288 }
```

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

Here you see how a box with a 4 pixel #492288 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #492288; -webkit-box-shadow:4px 4px  
4px 4px #492288; box-shadow:4px 4px 4px  
4px #492288 }
```

# Background

The CSS property to change the background color of an element to Hex 492288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#492288 }
```

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

```
.background{ background-color:#492288 }
```

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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