

Converting Colors

Hex(477291)

Have a look what the booklet for
Hex(477291) contains.

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Color

Hex(477291)

Conversions

Conversions Part 1

Format	Color
Hex	477291
RGB	71, 114, 145
RGB Percent	28%, 45%, 57%
CMY	0.7216, 0.5529, 0.4314
CMYK	0.51, 0.21, 0.00, 0.43
HSL	205°, 34%, 42%
HSV	205°, 51%, 57%
XYZ	13.7267, 15.4186, 29.0407
YIQ	104.6770, -35.5790, 0.5250

Conversions

Conversions Part 2

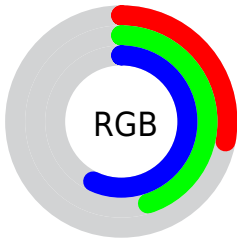
Format	Color
R _Y B	71, 98, 145
Decimal	4682385
CIE Lab	46.20, -5.78, -21.49
CIE LCh	46, 22.259, 254.938
Yxy	15.4186, 0.2359, 0.2650
Android (android.graphics.Color)	4282872465 (0xFF477291)
YUV	104.6770, 19.8792, -29.5347
Hunter-Lab	39.2665, -6.3167, -16.3631

Details

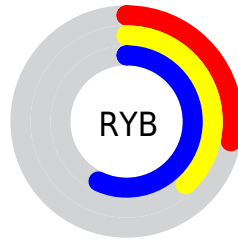
The Hex color **477291** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **916647**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7CA6C7**, and **0C425E** is the 20% darker color. If you saturate the color by 10%, you get **396C91**, and if you desaturate by 10%, it is **567891**.

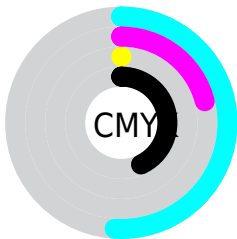
Distribution



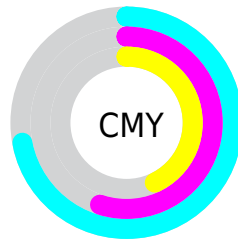
- Red (28%)
- Green (45%)
- Blue (57%)



- Red (28%)
- Yellow (38%)
- Blue (57%)



- Cyan (51%)
- Magenta (21%)
- Yellow (0%)
- Black (43%)



- Cyan (72%)
- Magenta (55%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 477291 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 477291 by changing the saturation by 10% instead.

■ 477291

■ 477291

FFFFFF

■ 2C5A77

■ 7CA6C7

■ 0C425E

■ 97C1E3

■ 002C47

■ B3DDFF

■ 001830

■ CFF9FF

■ 00011B

■ ECFE99

■ 000000

■ 477291

■ 477291

■ 396C91

■ 567891

■ 2A6691

■ 647E91

■ 1C6091

■ 738491

■ 0D5A91

■ 818A91

■ 005491

■ 909091

■ 9E9691

■ AD9D91

■ BBA391

■ CAA991

Harmonies

Analogous

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



337687



477291



636C91

Triad

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



477291



936065



5C7453

Complementary

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



477291



916647

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.



716F49



477291



8F6354

Square

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



477291



8C6178



83694A



467763

Rectangle

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



477291



74688C



83694A



63734E

Sweetspot

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



477291



A0B1BD



479166



4D575E



DEDEDE



5E5E5E

Same Dimension

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



477291



4A8CBD



474D91



404447



004F87



000408

Inverse Universe

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



914772



BD4A8C



918B47



474044



87004F



080004

Previews

White Background



This preview shows how the Hex color 477291 looks on a white background.

Color Contrast Check

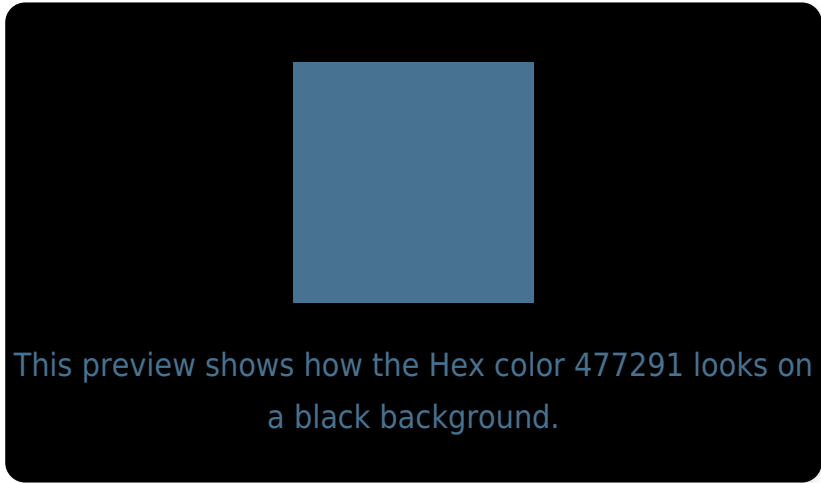
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

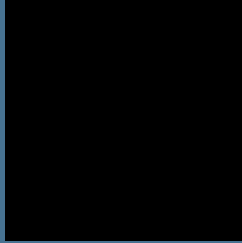
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

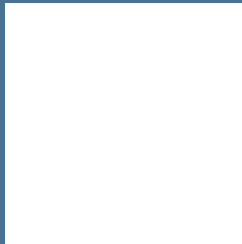
Any Text WCAG AAA × Fail

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

Hex 477291 Background



This preview shows how black text looks on a background with the Hex color 477291.

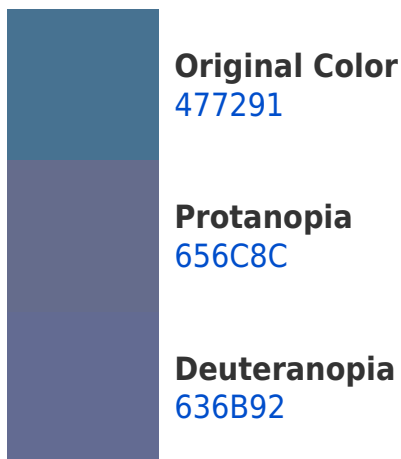



This preview shows how white text looks on a background with the Hex color 477291.

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](#).

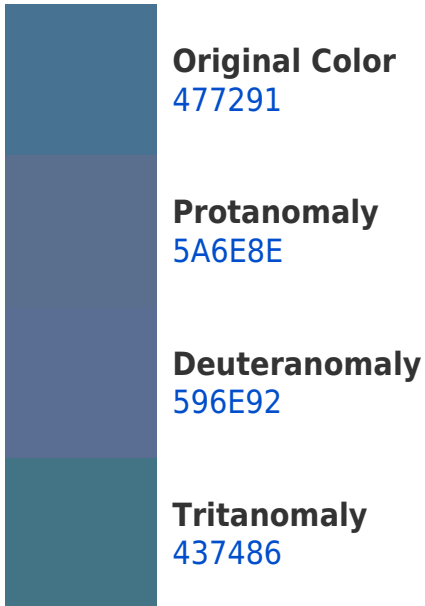
Dichromacy





Tritanopia
41757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 477291 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 #477291 looks like.

```
.text, #text, p{  
    color:#477291  
}
```

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 #477291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477291
}
```

Border

The CSS property to change the border of an element to Hex 477291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

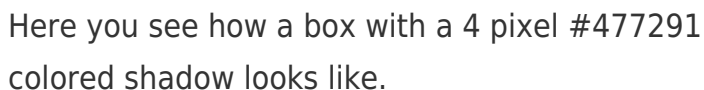
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#477291 }
```

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

```
.border{ border-color:#477291 }
```

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



Here you see how a box with a 4 pixel #477291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477291; -webkit-box-shadow:4px 4px  
4px 4px #477291; box-shadow:4px 4px 4px  
4px #477291 }
```

Background

The CSS property to change the background color of an element to Hex 477291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477291 }
```

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

```
.background{ background-color:#477291 }
```

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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