

Converting Colors

Hex(481294)

Have a look what the booklet for
Hex(481294) contains.

Hex(481294)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(481294)

Conversions

Conversions Part 1

Format	Color
Hex	481294
RGB	72, 18, 148
RGB Percent	28%, 7%, 58%
CMY	0.7176, 0.9294, 0.4196
CMYK	0.51, 0.88, 0.00, 0.42
HSL	265°, 78%, 33%
HSV	265°, 88%, 58%
XYZ	8.2341, 3.9484, 28.3451
YIQ	48.9660, -9.5460, 51.8780

Conversions

Conversions Part 2

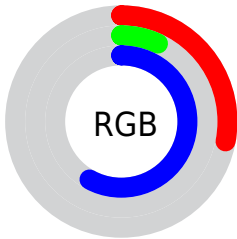
Format	Color
R_{YB}	72, 18, 148
Decimal	4723348
CIE _{Lab}	23.50, 50.98, -59.60
CIE _{LCh}	24, 78.428, 310.543
Y _{xy}	3.9484, 0.2032, 0.0974
Android (android.graphics.Color)	4282913428 (0xFF481294)
YUV	48.9660, 48.8238, 20.2008
Hunter-Lab	19.8707, 39.1937, -70.6664

Details

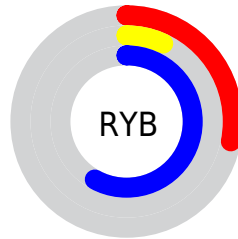
The Hex color **481294** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5E9412**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **8147CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **3F0394**, and if you desaturate by 10%, it is **512194**.

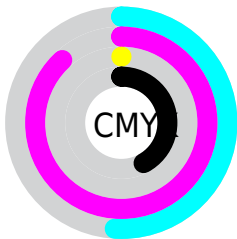
Distribution



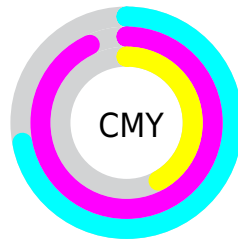
- Red (28%)
- Green (7%)
- Blue (58%)



- Red (28%)
- Yellow (7%)
- Blue (58%)



- Cyan (51%)
- Magenta (88%)
- Yellow (0%)
- Black (42%)



- Cyan (72%)
- Magenta (93%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 481294 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 481294 by changing the saturation by 10% instead.

 481294

 481294

FFFFFF

 29007A

 8147CB

 000060

 9D61E8

 000047

 BA7BFF

 000430

 D796FF

 00011A

 F5B1FF

 000000

 FFCDFD

 FFEAFF

 481294

 481294

■ 3F0394

■ 512194

■ 3D0094

■ 593094

■ 623E94

■ 6B4D94

■ 735C94

■ 7C6B94

■ 857A94

■ 8D8894

■ 969794

Harmonies

Analogous

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



003CB0



481294



870061

Triad

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



481294



632500



004C4C

Complementary

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



481294



5E9412

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.



004A0A



481294



333D00

Square

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



481294



860000



004600



004D85

Rectangle

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



481294



94003A



004600



004B38

Sweetspot

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



481294



A28EBF



126094



4F4361



E0E0E0



616161

Same Dimension

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



481294



4F00BF



871294



46434A



39008A



04000A

Inverse Universe

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



94125E



BF0070



1F9412



4A4347



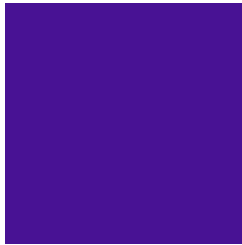
8A0051



0A0006

Previews

White Background



This preview shows how the Hex color 481294 looks on a white background.

Color Contrast Check

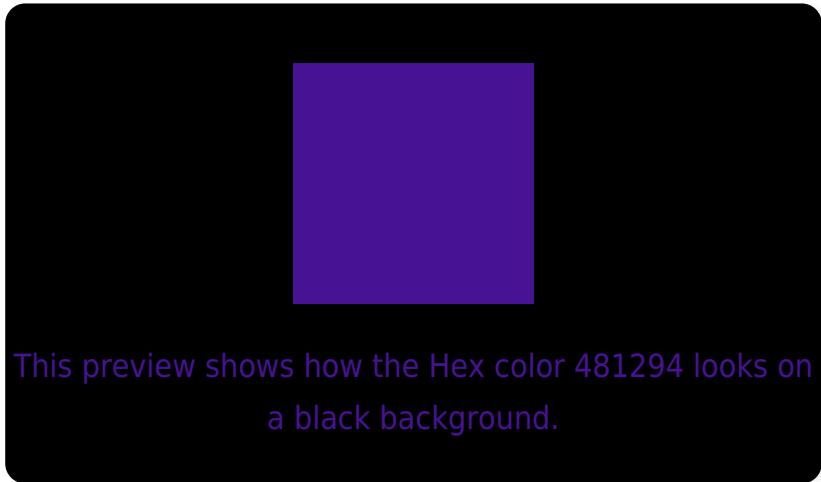
Large Text (above 18pt) WCAG AA ✓ Pass

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

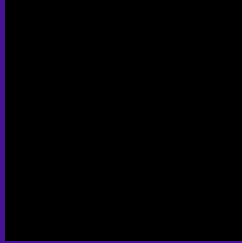
Any Text WCAG AA × Fail

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 481294 Background



This preview shows how black text looks on a background with the Hex color 481294.

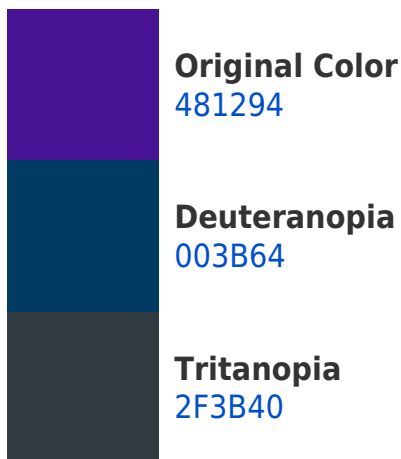


This preview shows how white text looks on a background with the Hex color 481294.

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



Trichromacy

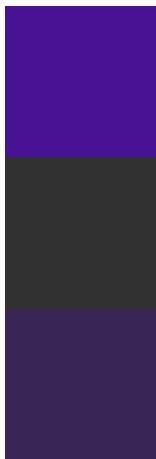


Original Color
481294

Deuteranomaly
1A2C75

Tritanomaly
382C5F

Monochromacy



Original Color
481294

Achromatopsia
313131

Achromatomaly
392655

CSS Examples

Text

The CSS property to change the color of the text to Hex 481294 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 #481294 looks like.

```
.text, #text, p{  
    color:#481294  
}
```

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 #481294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #481294
}
```

Border

The CSS property to change the border of an element to Hex 481294 is called "border". The border property can be set on classes, ids or directly on the HTML element.

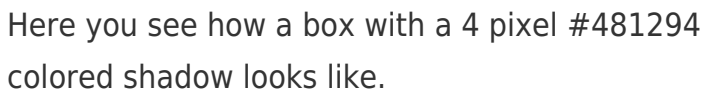
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#481294 }
```

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

```
.border{ border-color:#481294 }
```

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



Here you see how a box with a 4 pixel #481294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #481294; -webkit-box-shadow:4px 4px  
4px 4px #481294; box-shadow:4px 4px 4px  
4px #481294 }
```

Background

The CSS property to change the background color of an element to Hex 481294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#481294 }
```

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

```
.background{ background-color:#481294 }
```

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