

Converting Colors

Hex(491780)

Have a look what the booklet for
Hex(491780) contains.

Hex(491780)	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>	29

Color

Hex(491780)

Conversions

Conversions Part 1

Format	Color
Hex	491780
RGB	73, 23, 128
RGB Percent	29%, 9%, 50%
CMY	0.7137, 0.9098, 0.4980
CMYK	0.43, 0.82, 0.00, 0.50
HSL	269°, 70%, 30%
HSV	269°, 82%, 50%
XYZ	6.9503, 3.5878, 20.7483
YIQ	49.9200, -3.9050, 43.2550

Conversions

Conversions Part 2

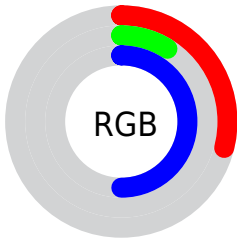
Format	Color
R_{YB}	73, 23, 128
Decimal	4790144
CIE _{Lab}	22.26, 44.18, -49.13
CIE _{LCh}	22, 66.068, 311.964
Yxy	3.5878, 0.2222, 0.1147
Android (android.graphics.Color)	4282980224 (0xFF491780)
YUV	49.9200, 38.4934, 20.2412
Hunter-Lab	18.9414, 32.3510, -51.6868

Details

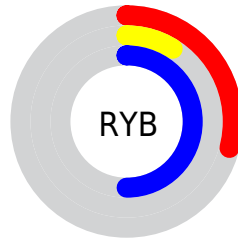
The Hex color **491780** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4E8017**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7F49B6**, and **13004E** is the 20% darker color. If you saturate the color by 10%, you get **420A80**, and if you desaturate by 10%, it is **502480**.

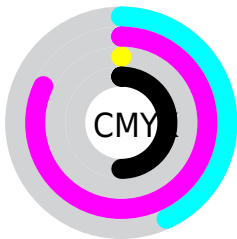
Distribution



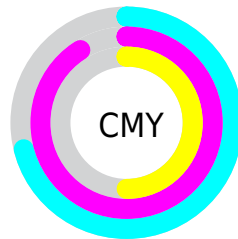
- Red (29%)
- Green (9%)
- Blue (50%)



- Red (29%)
- Yellow (9%)
- Blue (50%)



- Cyan (43%)
- Magenta (82%)
- Yellow (0%)
- Black (50%)



- Cyan (71%)
- Magenta (91%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 491780 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 491780 by changing the saturation by 10% instead.

491780

491780

FFFFFF

2E0066

7F49B6

13004E

9B62D2

000036

B77CEE

000220

D497FF

000003

F1B2FF

000000

FFCEFF

FFEBFF

491780

491780

■ 420A80

■ 502480

■ 3D0080

■ 563180

■ 5D3D80

■ 644A80

■ 6B5780

■ 716480

■ 787180

■ 7F7D80

■ 858A80

Harmonies

Analogous

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



003798



491780



790055

Triad

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



491780



5A2700



004749

Complementary

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



491780



4E8017

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.



004513



491780



303A00

Square

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



491780



780000



004200



004777

Rectangle

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



491780



840035



004200



004637

Sweetspot

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



491780



907CA6



174F80



473B54



D4D4D4



545454

Same Dimension

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



491780



5103A6



7D1780



3C3940



3D0080



000000

Inverse Universe

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



80174E



A60358



1A8017



40393D



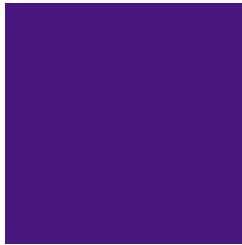
800043



000000

Previews

White Background



This preview shows how the Hex color 491780 looks on a white background.

Color Contrast Check

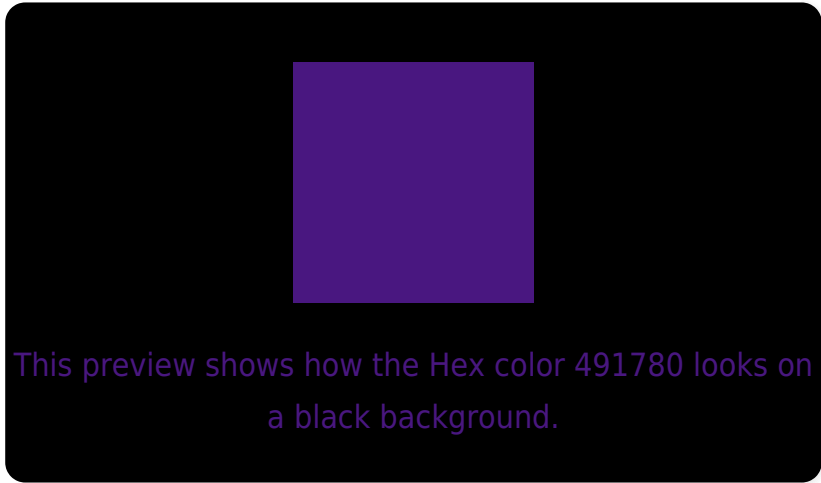
Large Text (above 18pt) WCAG AA ✓ Pass

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

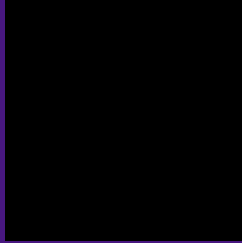
Any Text WCAG AA × Fail

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 491780 Background



This preview shows how black text looks on a background with the Hex color 491780.



This preview shows how white text looks on a background with the Hex color 491780.

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
491780

Protanopia
00356F

Deuteranopia
00385F



Tritanopia
393539

Trichromacy



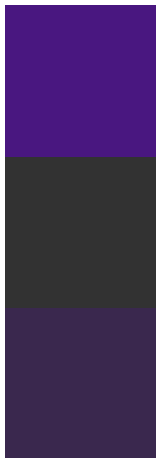
Original Color
491780

Protanomaly
1B2A75

Deuteranomaly
1B2C6B

Tritanomaly
3F2A53

Monochromacy



Original Color
491780

Achromatopsia
323232

Achromatomaly
3A284E

CSS Examples

Text

The CSS property to change the color of the text to Hex 491780 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 #491780 looks like.

```
.text, #text, p{  
    color:#491780  
}
```

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 #491780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491780
}
```

Border

The CSS property to change the border of an element to Hex 491780 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
#491780 }
```

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

```
.border{ border-color:#491780 }
```

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

Here you see how a box with a 4 pixel #491780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491780; -webkit-box-shadow:4px 4px  
4px 4px #491780; box-shadow:4px 4px 4px  
4px #491780 }
```

Background

The CSS property to change the background color of an element to Hex 491780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491780 }
```

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

```
.background{ background-color:#491780 }
```

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