

Converting Colors

Hex(491B79)

Have a look what the booklet for
Hex(491B79) contains.

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Color

Hex(491B79)

Conversions

Conversions Part 1

Format	Color
Hex	491B79
RGB	73, 27, 121
RGB Percent	29%, 11%, 47%
CMY	0.7137, 0.8941, 0.5255
CMYK	0.40, 0.78, 0.00, 0.53
HSL	269°, 64%, 29%
HSV	269°, 78%, 47%
XYZ	6.5908, 3.5808, 18.4330
YIQ	51.4700, -2.7580, 38.9860

Conversions

Conversions Part 2

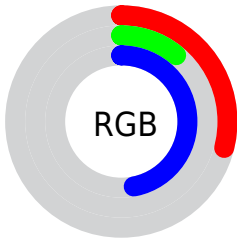
Format	Color
R_{YB}	73, 27, 121
Decimal	4791161
CIE _{Lab}	22.23, 40.61, -44.72
CIE _{LCh}	22, 60.409, 312.247
Yxy	3.5808, 0.2304, 0.1252
Android (android.graphics.Color)	4282981241 (0xFF491B79)
YUV	51.4700, 34.2783, 18.8818
Hunter-Lab	18.9230, 29.0552, -44.5084

Details

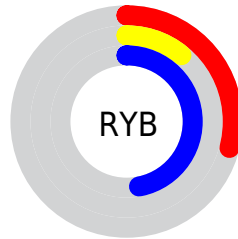
The Hex color **491B79** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4B791B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7E4CAE**, and **160047** is the 20% darker color. If you saturate the color by 10%, you get **430F79**, and if you desaturate by 10%, it is **4F2779**.

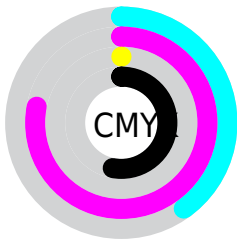
Distribution



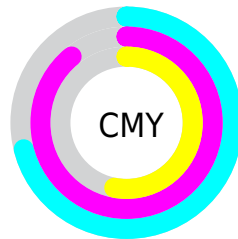
- Red (29%)
- Green (11%)
- Blue (47%)



- Red (29%)
- Yellow (11%)
- Blue (47%)



- Cyan (40%)
- Magenta (78%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (89%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 491B79 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 491B79 by changing the saturation by 10% instead.

■ 491B79

■ 491B79

FFFFFF

■ 2F0060

■ 7E4CAE

■ 160047

■ 9965CA

■ 000030

■ B57FE6

■ 00011A

■ D299FF

■ 000000

■ EFB4FF

■ FFD0FF

■ FFEDFF

■ 491B79

■ 491B79

■ 430F79

■ 4F2779

■ 3D0379

■ 553379

■ 3B0079

■ 5C3F79

■ 624B79

■ 685779

■ 6E6479

■ 747079

■ 7A7C79

■ 818879

Harmonies

Analogous

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



00368F



491B79



740052

Triad

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



491B79



582900



004647

Complementary

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



491B79



4B791B

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.



004517



491B79



323900

Square

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



491B79



730000



004100



004672

Rectangle

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



491B79



7E0034



004100



004638

Sweetspot

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



491B79



8C7A9E



1B4C79



44394F



CFCFCF



4F4F4F

Same Dimension

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



491B79



530B9E



771B79



3A373D



3D007D



7C00FC

Inverse Universe

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



791B4B



9E0B56



1D791B



3D373A



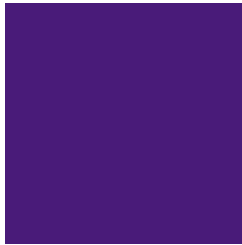
7D0040



FC0081

Previews

White Background



This preview shows how the Hex color 491B79 looks on a white background.

Color Contrast Check

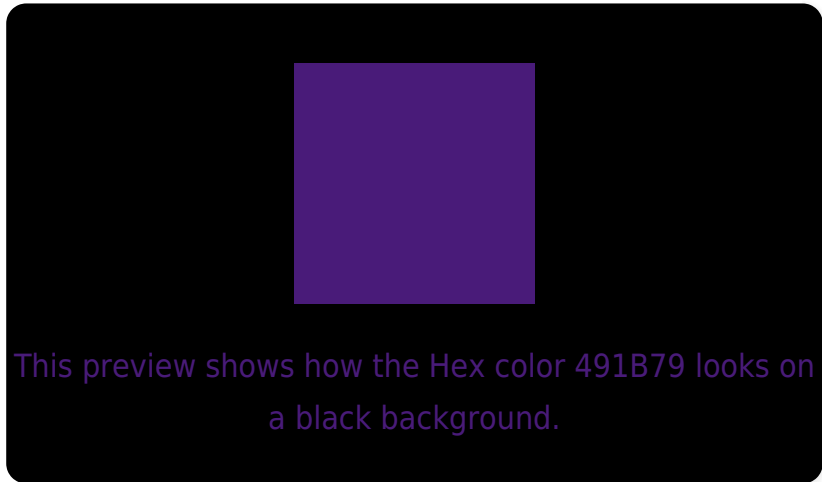
Large Text (above 18pt) WCAG AA ✓ Pass

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

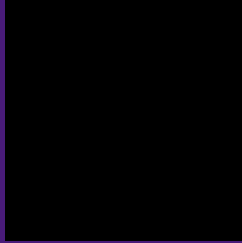
Any Text WCAG AA × Fail

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 491B79 Background



This preview shows how black text looks on a background with the Hex color 491B79.



This preview shows how white text looks on a background with the Hex color 491B79.

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
491B79

Protanopia
00346E

Deuteranopia
00385F



Tritanopia
3B3438

Trichromacy



Original Color
491B79

Protanomaly
1B2B72

Deuteranomaly
1B2D68

Tritanomaly
402B50

Monochromacy



Original Color
491B79

Achromatopsia
333333

Achromatomaly
3B2A4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 491B79 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 #491B79 looks like.

```
.text, #text, p{  
    color:#491B79  
}
```

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 #491B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491B79
}
```

Border

The CSS property to change the border of an element to Hex 491B79 is called "border". The border property can be set on classes, ids or directly on the HTML element.

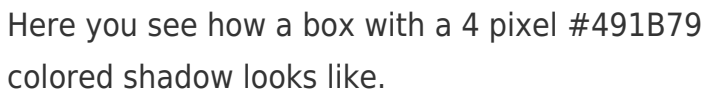
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#491B79 }
```

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

```
.border{ border-color:#491B79 }
```

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



Here you see how a box with a 4 pixel #491B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491B79; -webkit-box-shadow:4px 4px  
4px 4px #491B79; box-shadow:4px 4px 4px  
4px #491B79 }
```

Background

The CSS property to change the background color of an element to Hex 491B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491B79 }
```

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

```
.background{ background-color:#491B79 }
```

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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