

Converting Colors

Hex(491F83)

Have a look what the booklet for
Hex(491F83) contains.

Hex(491F83)	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(491F83)

Conversions

Conversions Part 1

Format	Color
Hex	491F83
RGB	73, 31, 131
RGB Percent	29%, 12%, 51%
CMY	0.7137, 0.8784, 0.4863
CMYK	0.44, 0.76, 0.00, 0.49
HSL	265°, 62%, 32%
HSV	265°, 76%, 51%
XYZ	7.3344, 4.0351, 21.8650
YIQ	54.9580, -7.0680, 40.0040

Conversions

Conversions Part 2

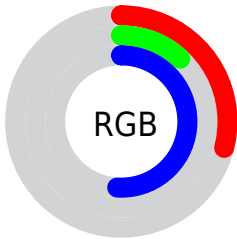
Format	Color
R _Y B	73, 31, 131
Decimal	4792195
CIE Lab	23.79, 41.37, -48.52
CIE LCh	24, 63.764, 310.453
Yxy	4.0351, 0.2207, 0.1214
Android (android.graphics.Color)	4282982275 (0xFF491F83)
YUV	54.9580, 37.4887, 15.8228
Hunter-Lab	20.0876, 30.0203, -50.4747

Details

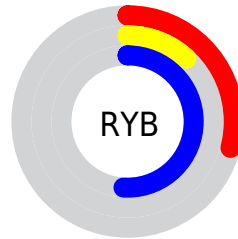
The Hex color **491F83** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **59831F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7F50B9**, and **100050** is the 20% darker color. If you saturate the color by 10%, you get **411283**, and if you desaturate by 10%, it is **512C83**.

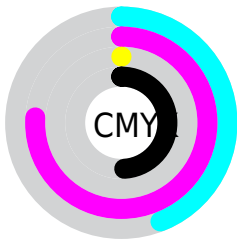
Distribution



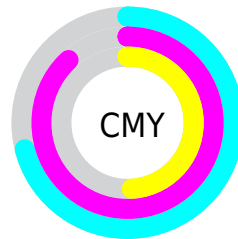
- Red (29%)
- Green (12%)
- Blue (51%)



- Red (29%)
- Yellow (12%)
- Blue (51%)



- Cyan (44%)
- Magenta (76%)
- Yellow (0%)
- Black (49%)



- Cyan (71%)
- Magenta (88%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 491F83 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 491F83 by changing the saturation by 10% instead.

491F83

491F83

FFFFFF

2E0469

7F50B9

100050

9B69D5

000039

B783F2

000222

D39DFF

000008

F1B9FF

000000

FFD5FF

FFF1FF

491F83

491F83

■ 411283

■ 512C83

■ 3A0583

■ 583983

■ 370083

■ 604683

■ 675383

■ 6F6183

■ 776E83

■ 7E7B83

■ 868883

■ 8D9583

Harmonies

Analogous

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



003B99



491F83



7A005A

Triad

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



491F83



5F2A00



004A49

Complementary

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



491F83



59831F

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.



004915



491F83



373C00

Square

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



491F83



7C0000



004500



004B77

Rectangle

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



491F83



86003A



004500



004A38

Sweetspot

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



491F83



9484AB



1F5983



493E57



D6D6D6



575757

Same Dimension

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



491F83



500EAB



7B1F83



3E3C42



370082



010003

Inverse Universe

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



831F59



AB0E69



27831F



423C40



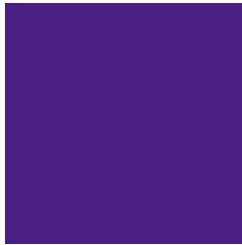
82004B



030001

Previews

White Background



This preview shows how the Hex color 491F83 looks on a white background.

Color Contrast Check

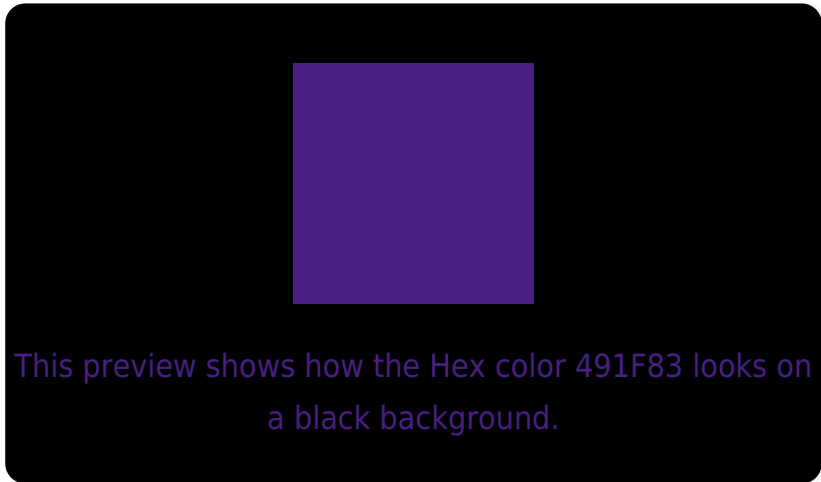
Large Text (above 18pt) WCAG AA ✓ Pass

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

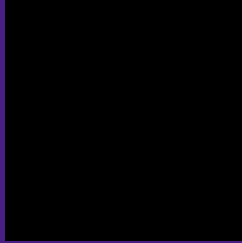
Any Text WCAG AA × Fail

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 491F83 Background



This preview shows how black text looks on a background with the Hex color 491F83.



This preview shows how white text looks on a background with the Hex color 491F83.

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](#).

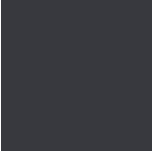
Dichromacy



Original Color
491F83

Protanopia
003775

Deuteranopia
003B65



Tritanopia
38393E

Trichromacy



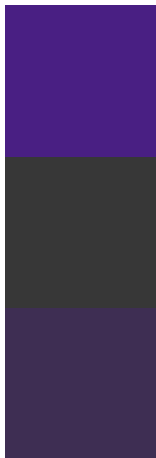
Original Color
491F83

Protanomaly
1B2E7A

Deuteranomaly
1B3170

Tritanomaly
3E3057

Monochromacy



Original Color
491F83

Achromatopsia
373737

Achromatomaly
3E2E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 491F83 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 #491F83 looks like.

```
.text, #text, p{  
    color:#491F83  
}
```

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 #491F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491F83
}
```

Border

The CSS property to change the border of an element to Hex 491F83 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
#491F83 }
```

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

```
.border{ border-color:#491F83 }
```

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

Here you see how a box with a 4 pixel #491F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491F83; -webkit-box-shadow:4px 4px  
4px 4px #491F83; box-shadow:4px 4px 4px  
4px #491F83 }
```

Background

The CSS property to change the background color of an element to Hex 491F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491F83 }
```

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

```
.background{ background-color:#491F83 }
```

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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