

Converting Colors

Hex(491B00)

Have a look what the booklet for
Hex(491B00) contains.

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Color

Hex(491B00)

Conversions

Conversions Part 1

Format	Color
Hex	491B00
RGB	73, 27, 0
RGB Percent	29%, 11%, 0%
CMY	0.7137, 0.8941, 1.0000
CMYK	0.00, 0.63, 1.00, 0.71
HSL	22°, 100%, 14%
HSV	22°, 100%, 29%
XYZ	3.1396, 2.2003, 0.2592
YIQ	37.6760, 36.0830, 1.3550

Conversions

Conversions Part 2

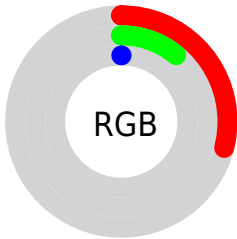
Format	Color
R_{YB}	73, 43, 0
Decimal	4791040
CIE Lab	16.51, 20.32, 24.75
CIE LCh	17, 32.022, 50.614
Yxy	2.2003, 0.5607, 0.3930
Android (android.graphics.Color)	4282981120 (0xFF491B00)
YUV	37.6760, -18.5743, 30.9791
Hunter-Lab	14.8335, 11.8217, 9.3473

Details

The Hex color **491B00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002E49**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7E482F**, and **0D0000** is the 20% darker color. If you saturate the color by 10%, you get **491B00**, and if you desaturate by 10%, it is **492007**.

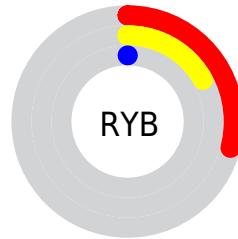
Distribution



Red (29%)

Green (11%)

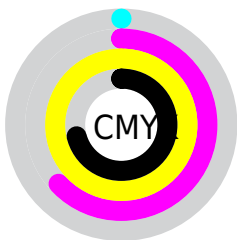
Blue (0%)



Red (29%)

Yellow (17%)

Blue (0%)

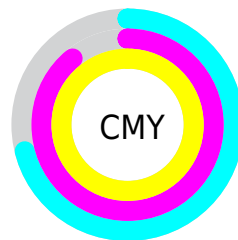


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 491B00 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 491B00 by changing the saturation by 10% instead.

 491B00

 491B00

 FFFFE2

 2F0500

 7E482F

 0D0000

 996046

 000000

 B5795E

 D29376

 F0AE90

 FFC9AB

 FFE6C6

 491B00

■ 492007

■ 49240F

■ 492916

■ 492D1D

■ 493225

■ 49372C

■ 493B33

■ 49403A

■ 494442

Harmonies

Analogous

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



51111A



491B00



3A2500

Triad

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



491B00



003321



172654

Complementary

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



491B00



002E49

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.



002E56



491B00



003338

Square

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



491B00



043107



00324C



3D1B46

Rectangle

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



491B00



2D2A00



00324C



002956

Sweetspot

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



491B00



5E4D42



49002E



30251F



B0B0B0



303030

Same Dimension

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



491B00



5E2300



493F00



242120



632500



E35400

Inverse Universe

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



002E49



003B5E



000A49



202224



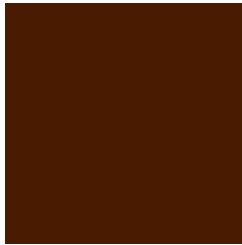
003F63



008FE3

Previews

White Background



This preview shows how the Hex color 491B00 looks on a white background.

Color Contrast Check

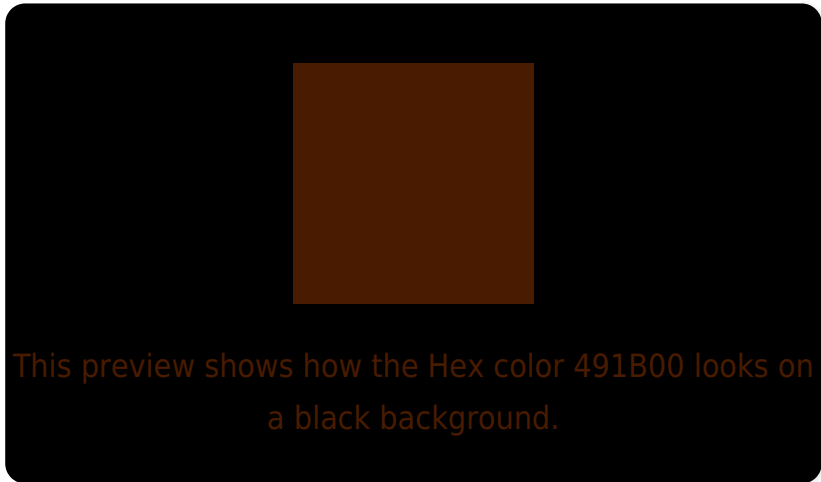
Large Text (above 18pt) WCAG AA ✓ Pass

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

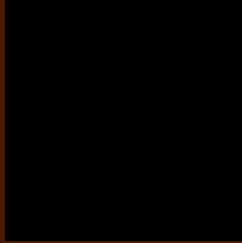
Any Text WCAG AA × Fail

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 491B00 Background



This preview shows how black text looks on a background with the Hex color 491B00.



This preview shows how white text looks on a background with the Hex color 491B00.

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
491B00

Protanopia
302A07

Deuteranopia
352800



Tritanopia
4A191B

Trichromacy



Original Color
491B00

Protanomaly
392504

Deuteranomaly
3C2300

Tritanomaly
4A1A11

Monochromacy



Original Color
491B00

Achromatopsia
262626

Achromatomaly
332218

CSS Examples

Text

The CSS property to change the color of the text to Hex 491B00 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 #491B00 looks like.

```
.text, #text, p{  
    color:#491B00  
}
```

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 #491B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491B00  
}
```

Border

The CSS property to change the border of an element to Hex 491B00 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  
#491B00 }
```

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

```
.border{ border-color:#491B00 }
```

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

Here you see how a box with a 4 pixel #491B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491B00; -webkit-box-shadow:4px 4px  
4px 4px #491B00; box-shadow:4px 4px 4px  
4px #491B00 }
```

Background

The CSS property to change the background color of an element to Hex 491B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491B00 }
```

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

```
.background{ background-color:#491B00 }
```

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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