

Converting Colors

Hex(491F00)

Have a look what the booklet for
Hex(491F00) contains.

Hex(491F00)	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(491F00)

Conversions

Conversions Part 1

Format	Color
Hex	491F00
RGB	73, 31, 0
RGB Percent	29%, 12%, 0%
CMY	0.7137, 0.8784, 1.0000
CMYK	0.00, 0.58, 1.00, 0.71
HSL	25°, 100%, 14%
HSV	25°, 100%, 29%
XYZ	3.2376, 2.3964, 0.2919
YIQ	40.0240, 34.9830, -0.7370

Conversions

Conversions Part 2

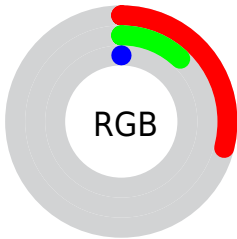
Format	Color
RYB	73, 54, 0
Decimal	4792064
CIELab	17.44, 17.93, 25.90
CIELCh	17, 31.499, 55.309
Yxy	2.3964, 0.5463, 0.4044
Android (android.graphics.Color)	4282982144 (0xFF491F00)
YUV	40.0240, -19.7318, 28.9200
Hunter-Lab	15.4804, 10.2414, 9.7183

Details

The Hex color **491F00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002A49**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **7E4C2F**, and **110000** is the 20% darker color. If you saturate the color by 10%, you get **491F00**, and if you desaturate by 10%, it is **492307**.

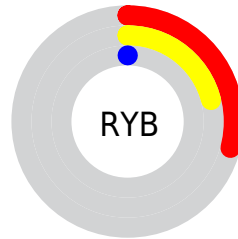
Distribution



Red (29%)

Green (12%)

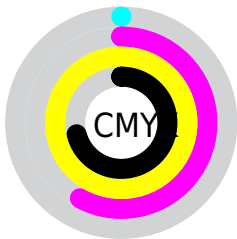
Blue (0%)



Red (29%)

Yellow (21%)

Blue (0%)

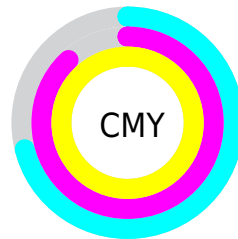


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 491F00 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 491F00 by changing the saturation by 10% instead.

 491F00

 491F00

 FFFFE3

 2F0A00

 7E4C2F

 110000

 996446

 000000

 B57D5E

 D29777

 EFB290

 FFCEAB

 FFEAC6

 491F00

■ 492307

■ 49270F

■ 492C16

■ 49301D

■ 493425

■ 49382C

■ 493C33

■ 49413A

■ 494542

Harmonies

Analogous

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



521519



491F00



392800

Triad

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



491F00



003526



222654

Complementary

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



491F00



002A49

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.



002F58



491F00



00353E

Square

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



491F00



00330F



003350



421B45

Rectangle

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



491F00



2C2D00



003350



0D2A57

Sweetspot

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



491F00



5E4E42



49002B



30261F



B0B0B0



303030

Same Dimension

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



491F00



5E2800



494300



242220



632A00



E36000

Inverse Universe

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



002A49



00365E



000649



202224



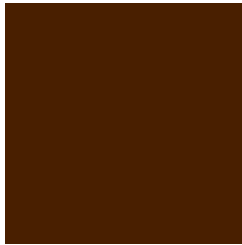
003963



0083E3

Previews

White Background



This preview shows how the Hex color 491F00 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

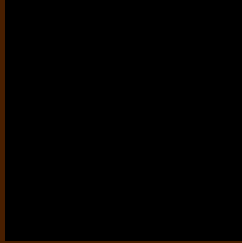
Any Text WCAG AA × Fail

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 491F00 Background



This preview shows how black text looks on a background with the Hex color 491F00.



This preview shows how white text looks on a background with the Hex color 491F00.

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
491F00

Protanopia
322C07

Deuteranopia
382A00



Tritanopia
4A1D1F

Trichromacy



Original Color
491F00

Protanomaly
3A2704

Deuteranomaly
3E2600

Tritanomaly
4A1E14

Monochromacy



Original Color
491F00

Achromatopsia
282828

Achromatomaly
342519

CSS Examples

Text

The CSS property to change the color of the text to Hex 491F00 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 #491F00 looks like.

```
.text, #text, p{  
    color:#491F00  
}
```

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 #491F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491F00
}
```

Border

The CSS property to change the border of an element to Hex 491F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

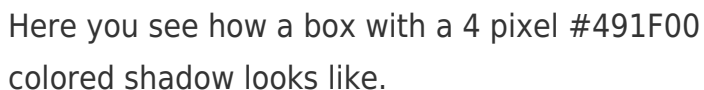
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#491F00 }
```

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

```
.border{ border-color:#491F00 }
```

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



Here you see how a box with a 4 pixel #491F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491F00; -webkit-box-shadow:4px 4px  
4px 4px #491F00; box-shadow:4px 4px 4px  
4px #491F00 }
```

Background

The CSS property to change the background color of an element to Hex 491F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491F00 }
```

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

```
.background{ background-color:#491F00 }
```

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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