

Converting Colors

Hex(511900)

Have a look what the booklet for
Hex(511900) contains.

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Color

Hex(511900)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 511900 |
| RGB | 81, 25, 0 |
| RGB Percent | 32%, 10%, 0% |
| CMY | 0.6824, 0.9020, 1.0000 |
| CMYK | 0.00, 0.69, 1.00, 0.68 |
| HSL | 19°, 100%, 16% |
| HSV | 19°, 100%, 32% |
| XYZ | 3.7410, 2.4446, 0.2747 |
| YIQ | 38.8940, 41.4010, 4.0970 |

Conversions

Conversions Part 2

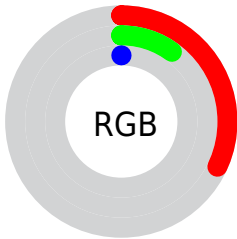
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 81, 36, 0 |
| Decimal | 5314816 |
| CIE Lab | 17.67, 24.97, 26.53 |
| CIE LCh | 18, 36.430, 46.739 |
| Yxy | 2.4446, 0.5791, 0.3784 |
| Android (android.graphics.Color) | 4283504896 (0xFF511900) |
| YUV | 38.8940, -19.1747, 36.9270 |
| Hunter-Lab | 15.6352, 15.3474, 9.9030 |

Details

The Hex color **511900** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003851**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **87472F**, and **1C0001** is the 20% darker color. If you saturate the color by 10%, you get **511900**, and if you desaturate by 10%, it is **511F08**.

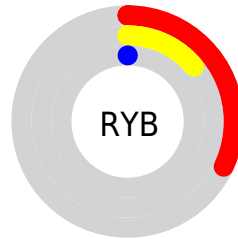
Distribution



Red (32%)

Green (10%)

Blue (0%)



Red (32%)

Yellow (14%)

Blue (0%)

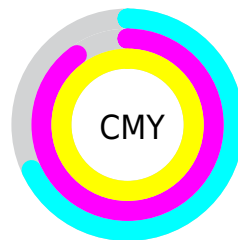


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (68%)



Cyan (68%)


Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 511900 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 511900 by changing the saturation by 10% instead.

 511900

 511900

 FFFFE2

 360300

 87472F

 1C0001

 A35F46

 000000


 C0795E

 DD9376

 FBAE90

 FFC9AB

 FFE5C6

 511900

■ 511F08

■ 512410

■ 512A18

■ 512F20

■ 513529

■ 513B31

■ 514039

■ 514641

■ 514B49

Harmonies

Analogous

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



590B1E



511900



402600

Triad

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



511900



00361E



03295E

Complementary

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



511900



003851

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.



00325F



511900



00373A

Square

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



511900



053400



003651



3E1C50

Rectangle

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



511900



312C00



003651



002D60

Sweetspot

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



511900



695349



510039



362822



B5B5B5



363636

Same Dimension

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



511900



692000



514100



292625



E84800

Inverse Universe

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



003851



004869



001051



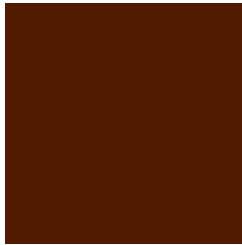
252829



00A0E8

Previews

White Background



This preview shows how the Hex color 511900 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

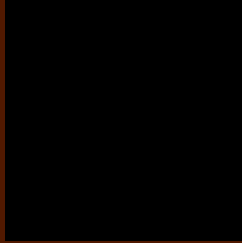
Any Text WCAG AA × Fail

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 511900 Background



This preview shows how black text looks on a background with the Hex color 511900.

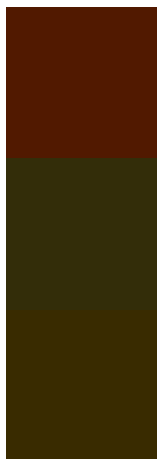


This preview shows how white text looks on a background with the Hex color 511900.

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
511900

Protanopia
332D09

Deuteranopia
392B00



Tritanopia
511718

Trichromacy



Original Color
511900

Protanomaly
3E2606

Deuteranomaly
422400

Tritanomaly
51180F

Monochromacy



Original Color
511900

Achromatopsia
272727

Achromatomaly
362219

CSS Examples

Text

The CSS property to change the color of the text to Hex 511900 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 #511900 looks like.

```
.text, #text, p{  
    color:#511900  
}
```

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 #511900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #511900
}
```

Border

The CSS property to change the border of an element to Hex 511900 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".

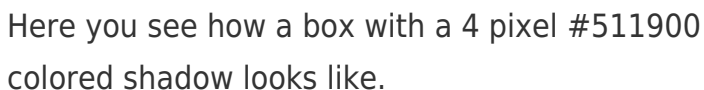
```
.border, #border, table{ border:4px solid
#511900 }
```

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

```
.border{ border-color:#511900 }
```

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

Here you see how a box with a 4 pixel #511900 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #511900; -webkit-box-shadow:4px 4px  
4px 4px #511900; box-shadow:4px 4px 4px  
4px #511900 }
```

Background

The CSS property to change the background color of an element to Hex 511900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#511900 }
```

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

```
.background{ background-color:#511900 }
```

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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