

Converting Colors

Hex(541A00)

Have a look what the booklet for
Hex(541A00) contains.

Hex(541A00)	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(541A00)

Conversions

Conversions Part 1

Format	Color
Hex	541A00
RGB	84, 26, 0
RGB Percent	33%, 10%, 0%
CMY	0.6706, 0.8980, 1.0000
CMYK	0.00, 0.69, 1.00, 0.67
HSL	19°, 100%, 16%
HSV	19°, 100%, 33%
XYZ	4.0256, 2.6236, 0.2942
YIQ	40.3780, 42.9140, 4.2100

Conversions

Conversions Part 2

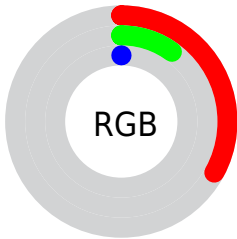
Format	Color
RYB	84, 38, 0
Decimal	5511680
CIELab	18.47, 25.72, 27.63
CIELCh	18, 37.748, 47.059
Yxy	2.6236, 0.5798, 0.3779
Android (android.graphics.Color)	4283701760 (0xFF541A00)
YUV	40.3780, -19.9064, 38.2565
Hunter-Lab	16.1976, 16.0166, 10.2613

Details

The Hex color **541A00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003A54**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8B482F**, and **210001** is the 20% darker color. If you saturate the color by 10%, you get **541A00**, and if you desaturate by 10%, it is **542008**.

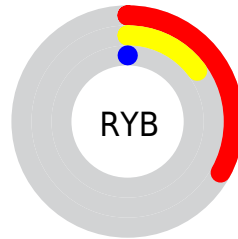
Distribution



Red (33%)

Green (10%)

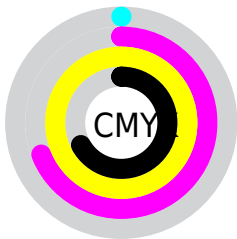
Blue (0%)



Red (33%)

Yellow (15%)

Blue (0%)

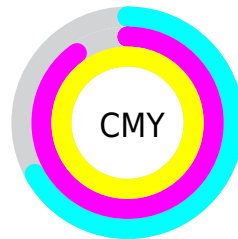


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (67%)



Cyan (67%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 541A00 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 541A00 by changing the saturation by 10% instead.

 541A00

 541A00

 FFFFE2

 390300

 8B482F

 210001

 A76146

 000000

 C47A5E

 E19476

 FFAF90

 FFCBAB

 FFE7C6

 541A00

■ 542008

■ 542611

■ 542B19

■ 543122

■ 54372A

■ 543D32

■ 54433B

■ 544843

■ 544E4C

Harmonies

Analogous

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



5C0B1F



541A00



422700

Triad

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



541A00



003820



032B62

Complementary

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



541A00



003A54

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.



003463



541A00



00393C

Square

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



541A00



043600



003855



411D53

Rectangle

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



541A00



332E00



003855



002E64

Sweetspot

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



541A00



6E574D



54003B



382A24



B8B8B8



383838

Same Dimension

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



541A00



6E2200



544300



292625



692000



E84800

Inverse Universe

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



003A54



004C6E



001154



252829



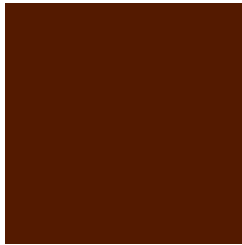
004869



00A0E8

Previews

White Background



This preview shows how the Hex color 541A00 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

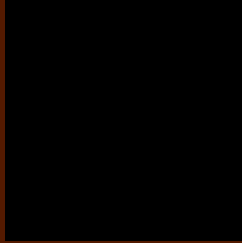
Any Text WCAG AA × Fail

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 541A00 Background



This preview shows how black text looks on a background with the Hex color 541A00.



This preview shows how white text looks on a background with the Hex color 541A00.

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
541A00

Protanopia
352F09

Deuteranopia
3B2C00



Tritanopia
541819

Trichromacy



Original Color
541A00

Protanomaly
402706

Deuteranomaly
442500

Tritanomaly
541910

Monochromacy



Original Color
541A00

Achromatopsia
282828

Achromatomaly
382319

CSS Examples

Text

The CSS property to change the color of the text to Hex 541A00 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 #541A00 looks like.

```
.text, #text, p{  
    color:#541A00  
}
```

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 #541A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #541A00
}
```

Border

The CSS property to change the border of an element to Hex 541A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

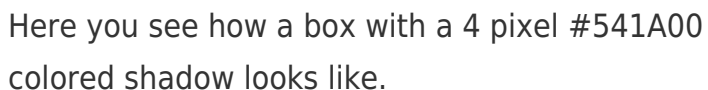
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#541A00 }
```

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

```
.border{ border-color:#541A00 }
```

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



Here you see how a box with a 4 pixel #541A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #541A00; -webkit-box-shadow:4px 4px  
4px 4px #541A00; box-shadow:4px 4px 4px  
4px #541A00 }
```

Background

The CSS property to change the background color of an element to Hex 541A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#541A00 }
```

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

```
.background{ background-color:#541A00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor