

Converting Colors

Hex(521D00)

Have a look what the booklet for
Hex(521D00) contains.

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Color

Hex(521D00)

Conversions

Conversions Part 1

Format	Color
Hex	521D00
RGB	82, 29, 0
RGB Percent	32%, 11%, 0%
CMY	0.6784, 0.8863, 1.0000
CMYK	0.00, 0.65, 1.00, 0.68
HSL	21°, 100%, 16%
HSV	21°, 100%, 32%
XYZ	3.9190, 2.6726, 0.3093
YIQ	41.5410, 40.8970, 2.2170

Conversions

Conversions Part 2

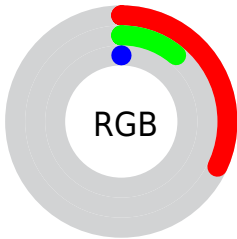
Format	Color
R_{YB}	82, 45, 0
Decimal	5381376
CIE Lab	18.68, 23.25, 27.79
CIE LCh	19, 36.228, 50.084
Yxy	2.6726, 0.5679, 0.3873
Android (android.graphics.Color)	4283571456 (0xFF521D00)
YUV	41.5410, -20.4797, 35.4825
Hunter-Lab	16.3480, 14.1821, 10.3218

Details

The Hex color **521D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003552**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **884B2F**, and **1F0001** is the 20% darker color. If you saturate the color by 10%, you get **521D00**, and if you desaturate by 10%, it is **522208**.

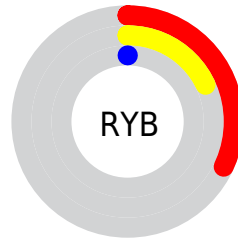
Distribution



Red (32%)

Green (11%)

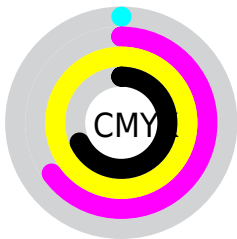
Blue (0%)



Red (32%)

Yellow (18%)

Blue (0%)

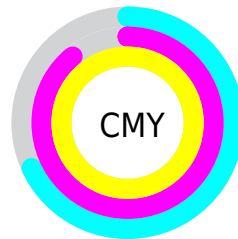


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (68%)



Cyan (68%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 521D00 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 521D00 by changing the saturation by 10% instead.

 521D00

 521D00

 FFFFE3

 370700

 884B2F

 1F0001

 A46346

 000000

 C17D5E

 DE9777

 FCB290

 FFCDAB

 FFEAC6

 521D00

■ 522208

■ 522810

■ 522D19

■ 523221

■ 523729

■ 523D31

■ 524239

■ 524742

■ 524D4A

Harmonies

Analogous

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



5B101D



521D00



402900

Triad

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



521D00



003824



152A5F

Complementary

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



521D00



003552

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.



003362



521D00



00393F

Square

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



521D00



013606



003856



441D50

Rectangle

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



521D00



312F00



003856



002E62

Sweetspot

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



521D00



6B564B



520035



362922



B5B5B5



363636

Same Dimension

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



521D00



6B2600



524600



292625



692500



E85200

Inverse Universe

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



003552



00456B



000C52



252729



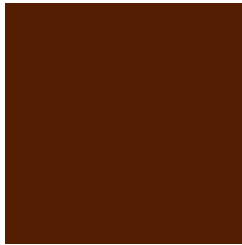
004469



0096E8

Previews

White Background



This preview shows how the Hex color 521D00 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

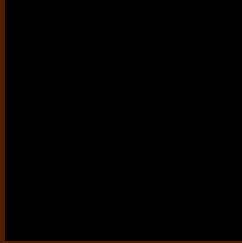
Any Text WCAG AA × Fail

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 521D00 Background



This preview shows how black text looks on a background with the Hex color 521D00.



This preview shows how white text looks on a background with the Hex color 521D00.

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
521D00

Protanopia
352F08

Deuteranopia
3B2D00



Tritanopia
531B1C

Trichromacy



Original Color
521D00

Protanomaly
402805

Deuteranomaly
432700

Tritanomaly
531C12

Monochromacy



Original Color
521D00

Achromatopsia
2A2A2A

Achromatomaly
39251B

CSS Examples

Text

The CSS property to change the color of the text to Hex 521D00 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 #521D00 looks like.

```
.text, #text, p{  
    color:#521D00  
}
```

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 #521D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #521D00
}
```

Border

The CSS property to change the border of an element to Hex 521D00 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".

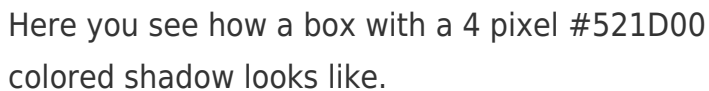
```
.border, #border, table{ border:4px solid
#521D00 }
```

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

```
.border{ border-color:#521D00 }
```

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

Here you see how a box with a 4 pixel #521D00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #521D00; -webkit-box-shadow:4px 4px  
4px 4px #521D00; box-shadow:4px 4px 4px  
4px #521D00 }
```

Background

The CSS property to change the background color of an element to Hex 521D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#521D00 }
```

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

```
.background{ background-color:#521D00 }
```

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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