

Converting Colors

Hex(521C03)

Have a look what the booklet for
Hex(521C03) contains.

Hex(521C03)	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(521C03)

Conversions

Conversions Part 1

Format	Color
Hex	521C03
RGB	82, 28, 3
RGB Percent	32%, 11%, 1%
CMY	0.6784, 0.8902, 0.9882
CMYK	0.00, 0.66, 0.96, 0.68
HSL	19°, 93%, 17%
HSV	19°, 96%, 32%
XYZ	3.9114, 2.6309, 0.3878
YIQ	41.2960, 40.2090, 3.6730

Conversions

Conversions Part 2

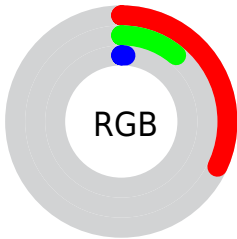
Format	Color
R_{YB}	82, 40, 3
Decimal	5381123
CIE Lab	18.50, 23.91, 26.35
CIE LCh	19, 35.584, 47.775
Yxy	2.6309, 0.5644, 0.3796
Android (android.graphics.Color)	4283571203 (0xFF521C03)
YUV	41.2960, -18.8799, 35.6974
Hunter-Lab	16.2201, 14.6588, 9.9365

Details

The Hex color **521C03** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **033952**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **884A31**, and **1F0001** is the 20% darker color. If you saturate the color by 10%, you get **521A00**, and if you desaturate by 10%, it is **52220B**.

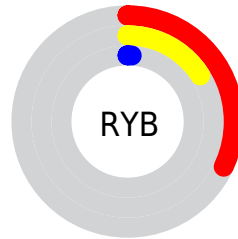
Distribution



Red (32%)

Green (11%)

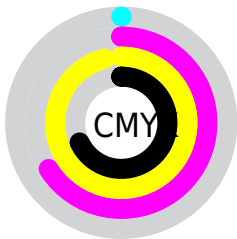
Blue (1%)



Red (32%)

Yellow (16%)

Blue (1%)

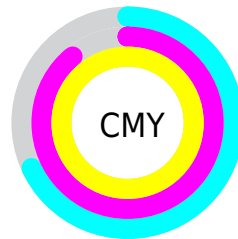


Cyan (0%)

Magenta (66%)

Yellow (96%)

Black (68%)



Cyan (68%)

Magenta (89%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 521C03 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 521C03 by changing the saturation by 10% instead.

 521C03

 521C03

 FFFFE5

 380500

 884A31

 1F0001

 A46248

 000000

 C17C60

 DE9679

 FCB193

 FFCCAD

 FFE9C9

 521C03

 521C03

■ 521A00

■ 52220B

■ 522713

■ 522D1C

■ 523224

■ 52382C

■ 523E34

■ 52433C

■ 524945

■ 524E4D

Harmonies

Analogous

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



5A101F



521C03



412800

Triad

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



521C03



003821



0E2B5F

Complementary

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



521C03



033952

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.



003360



521C03



00383C

Square

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



521C03



063504



003753



411E50

Rectangle

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



521C03



332E00



003753



002E61

Sweetspot

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



521C03



6B564C



52033A



362923



B5B5B5



363636

Same Dimension

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



521C03



6B2200



524203



292625



692100



E84900

Inverse Universe

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



033952



00496B



031352



252829



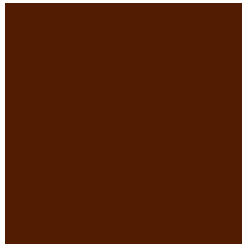
004769



009FE8

Previews

White Background



This preview shows how the Hex color 521C03 looks on a white background.

Color Contrast Check

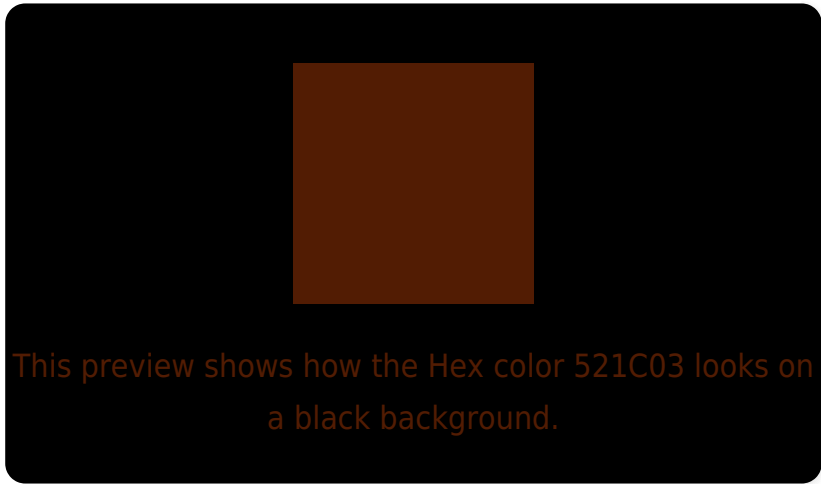
Large Text (above 18pt) WCAG AA ✓ Pass

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

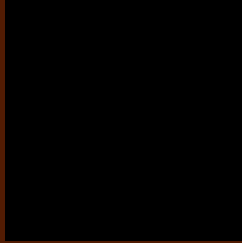
Any Text WCAG AA × Fail

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 521C03 Background



This preview shows how black text looks on a background with the Hex color 521C03.



This preview shows how white text looks on a background with the Hex color 521C03.

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
521C03

Protanopia
342F09

Deuteranopia
3B2C00



Tritanopia
531A1B

Trichromacy



Original Color
521C03

Protanomaly
3F2807

Deuteranomaly
432601

Tritanomaly
531B12

Monochromacy



Original Color
521C03

Achromatopsia
292929

Achromatomaly
38241B

CSS Examples

Text

The CSS property to change the color of the text to Hex 521C03 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 #521C03 looks like.

```
.text, #text, p{  
    color:#521C03  
}
```

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 #521C03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #521C03  
}
```

Border

The CSS property to change the border of an element to Hex 521C03 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".

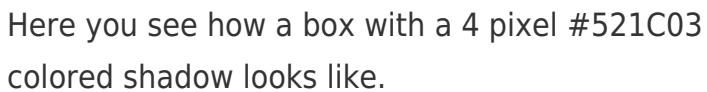
```
.border, #border, table{ border:4px solid  
#521C03 }
```

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

```
.border{ border-color:#521C03 }
```

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

Here you see how a box with a 4 pixel #521C03 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #521C03; -webkit-box-shadow:4px 4px  
4px 4px #521C03; box-shadow:4px 4px 4px  
4px #521C03 }
```

Background

The CSS property to change the background color of an element to Hex 521C03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#521C03 }
```

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

```
.background{ background-color:#521C03 }
```

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