

Converting Colors

Hex(571B00)

Have a look what the booklet for
Hex(571B00) contains.

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Color

Hex(571B00)

Conversions

Conversions Part 1

Format	Color
Hex	571B00
RGB	87, 27, 0
RGB Percent	34%, 11%, 0%
CMY	0.6588, 0.8941, 1.0000
CMYK	0.00, 0.69, 1.00, 0.66
HSL	19°, 100%, 17%
HSV	19°, 100%, 34%
XYZ	4.3224, 2.8101, 0.3146
YIQ	41.8620, 44.4270, 4.3230

Conversions

Conversions Part 2

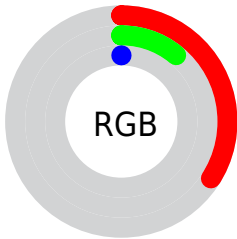
Format	Color
R_{YB}	87, 39, 0
Decimal	5708544
CIE Lab	19.27, 26.46, 28.72
CIE LCh	19, 39.049, 47.346
Yxy	2.8101, 0.5804, 0.3773
Android (android.graphics.Color)	4283898624 (0xFF571B00)
YUV	41.8620, -20.6380, 39.5860
Hunter-Lab	16.7634, 16.6901, 10.6217

Details

The Hex color **571B00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003C57**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8E4A2F**, and **250001** is the 20% darker color. If you saturate the color by 10%, you get **571B00**, and if you desaturate by 10%, it is **572109**.

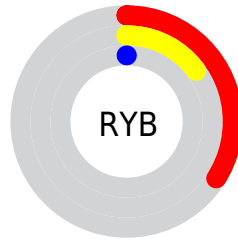
Distribution



Red (34%)

Green (11%)

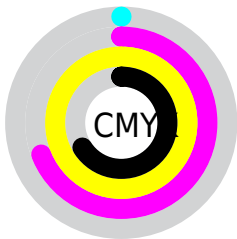
Blue (0%)



Red (34%)

Yellow (15%)

Blue (0%)

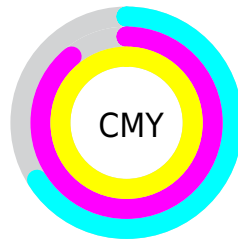


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (66%)



Cyan (66%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 571B00 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 571B00 by changing the saturation by 10% instead.

 571B00

 571B00

 FFFFE3

 3C0400

 8E4A2F

 250001

 AB6246

 000000

 C87C5E

 E59677

 FFB190

 FFCCAB

 FFE9C6

 571B00

■ 572109

■ 572711

■ 572D1A

■ 573323

■ 57392C

■ 573F34

■ 57453D

■ 574B46

■ 57514E

Harmonies

Analogous

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



600B20



571B00



452900

Triad

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



571B00



003A21



032D66

Complementary

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



571B00



003C57

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.



003667



571B00



003B3F

Square

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



571B00



023800



003A58



441E56

Rectangle

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



571B00



353000



003A58



003068

Sweetspot

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



571B00



70594F



57003D



382A24



B8B8B8



383838

Same Dimension

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



571B00



702300



574600



2B2827



6B2100



EB4900

Inverse Universe

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



003C57



004D70



001157



272A2B



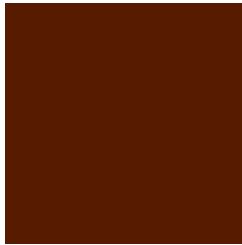
004A6B



00A2EB

Previews

White Background



This preview shows how the Hex color 571B00 looks on a white background.

Color Contrast Check

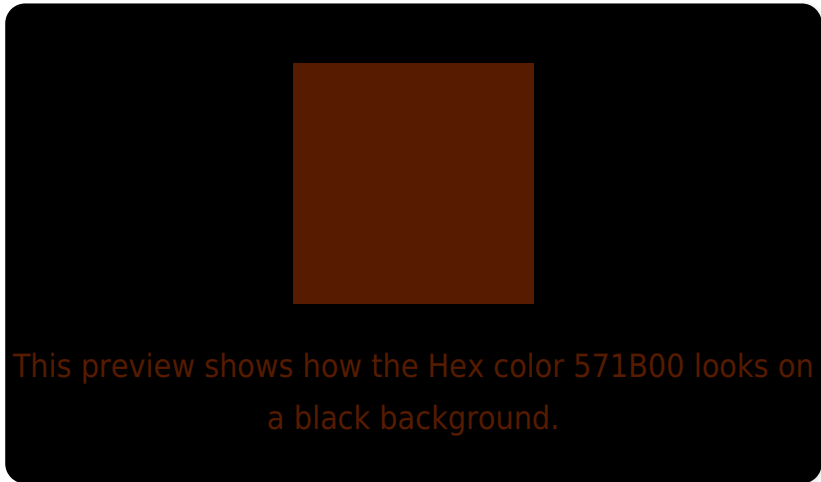
Large Text (above 18pt) WCAG AA ✓ Pass

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

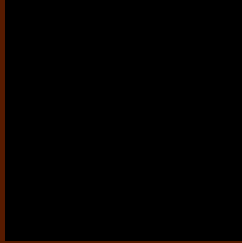
Any Text WCAG AA × Fail

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 571B00 Background



This preview shows how black text looks on a background with the Hex color 571B00.



This preview shows how white text looks on a background with the Hex color 571B00.

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
571B00

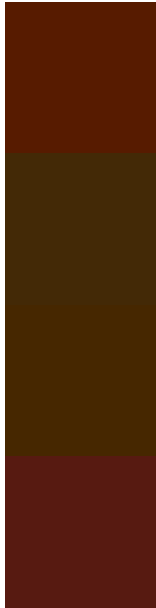
Protanopia
373109

Deuteranopia
3D2E00



Tritanopia
57191A

Trichromacy



Original Color
571B00

Protanomaly
432906

Deuteranomaly
462700

Tritanomaly
571A11

Monochromacy



Original Color
571B00

Achromatopsia
2A2A2A

Achromatomaly
3A251B

CSS Examples

Text

The CSS property to change the color of the text to Hex 571B00 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 #571B00 looks like.

```
.text, #text, p{  
    color:#571B00  
}
```

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 #571B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #571B00
}
```

Border

The CSS property to change the border of an element to Hex 571B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

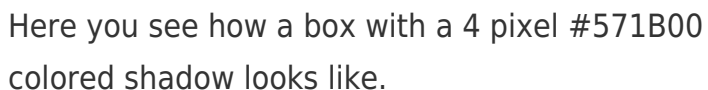
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#571B00 }
```

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

```
.border{ border-color:#571B00 }
```

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



Here you see how a box with a 4 pixel #571B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #571B00; -webkit-box-shadow:4px 4px  
4px 4px #571B00; box-shadow:4px 4px 4px  
4px #571B00 }
```

Background

The CSS property to change the background color of an element to Hex 571B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#571B00 }
```

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

```
.background{ background-color:#571B00 }
```

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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