

Converting Colors

Hex(571F00)

Have a look what the booklet for
Hex(571F00) contains.

Hex(571F00)	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(571F00)

Conversions

Conversions Part 1

Format	Color
Hex	571F00
RGB	87, 31, 0
RGB Percent	34%, 12%, 0%
CMY	0.6588, 0.8784, 1.0000
CMYK	0.00, 0.64, 1.00, 0.66
HSL	21°, 100%, 17%
HSV	21°, 100%, 34%
XYZ	4.4205, 3.0062, 0.3473
YIQ	44.2100, 43.3270, 2.2310

Conversions

Conversions Part 2

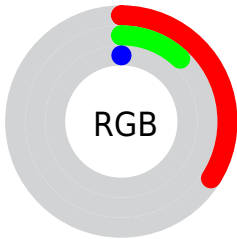
Format	Color
RYB	87, 48, 0
Decimal	5709568
CIELab	20.07, 24.34, 29.63
CIELCh	20, 38.349, 50.601
Yxy	3.0062, 0.5686, 0.3867
Android (android.graphics.Color)	4283899648 (0xFF571F00)
YUV	44.2100, -21.7955, 37.5268
Hunter-Lab	17.3384, 15.1667, 10.9494

Details

The Hex color **571F00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003857**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8E4D2F**, and **260001** is the 20% darker color. If you saturate the color by 10%, you get **571F00**, and if you desaturate by 10%, it is **572509**.

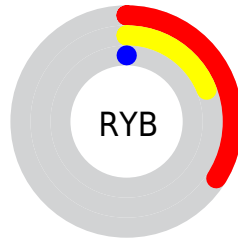
Distribution



Red (34%)

Green (12%)

Blue (0%)



Red (34%)

Yellow (19%)

Blue (0%)

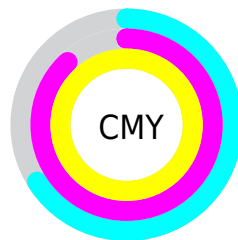


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (66%)



Cyan (66%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 571F00 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 571F00 by changing the saturation by 10% instead.

 571F00

 571F00

 FFFFE3

 3C0800

 8E4D2F

 260001

 AA6646

 000000

 C77F5E

 E59977

 FFB491

 FFD0AB

 FFEDC7

 571F00

■ 572509

■ 572A11

■ 57301A

■ 573523

■ 573B2C

■ 574134

■ 57463D

■ 574C46

■ 57514E

Harmonies

Analogous

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



61111F



571F00



442C00

Triad

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



571F00



003C26



172D66

Complementary

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



571F00



003857

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.



003768



571F00



003D43

Square

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



571F00



003A08



003B5C



491E55

Rectangle

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



571F00



343200



003B5C



003168

Sweetspot

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



571F00



705B4F



570039



382B24



B8B8B8



383838

Same Dimension

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



571F00



702800



574A00



2B2927



6B2600



EB5400

Inverse Universe

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



003857



004870



000D57



272A2B



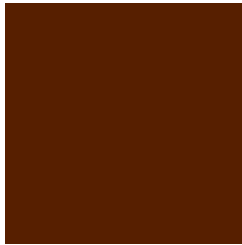
00456B



0097EB

Previews

White Background



This preview shows how the Hex color 571F00 looks on a white background.

Color Contrast Check

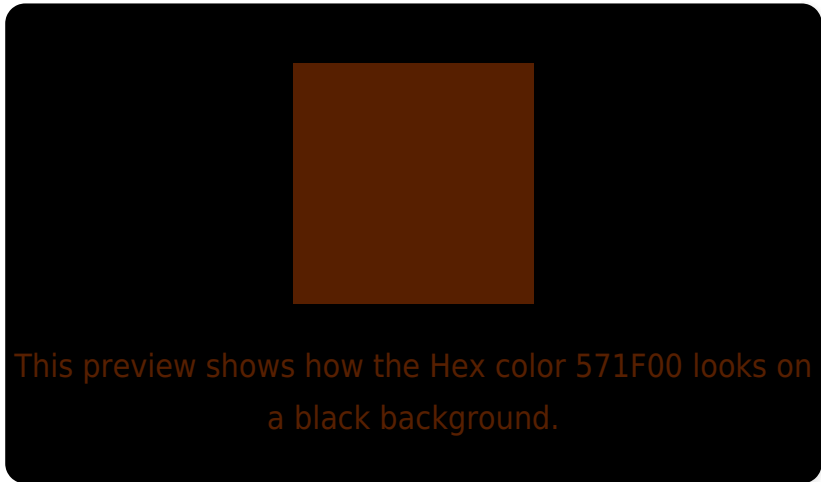
Large Text (above 18pt) WCAG AA ✓ Pass

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

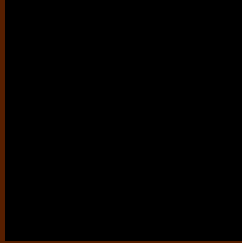
Any Text WCAG AA × Fail

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 571F00 Background



This preview shows how black text looks on a background with the Hex color 571F00.



This preview shows how white text looks on a background with the Hex color 571F00.

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
571F00

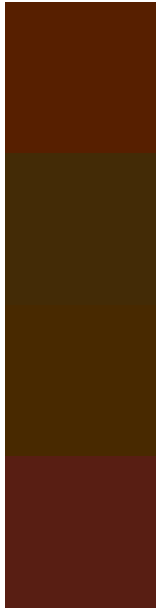
Protanopia
383209

Deuteranopia
3F2F00



Tritanopia
581D1E

Trichromacy



Original Color
571F00

Protanomaly
432B06

Deuteranomaly
482900

Tritanomaly
581E13

Monochromacy



Original Color
571F00

Achromatopsia
2C2C2C

Achromatomaly
3C271C

CSS Examples

Text

The CSS property to change the color of the text to Hex 571F00 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 #571F00 looks like.

```
.text, #text, p{  
    color:#571F00  
}
```

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 #571F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #571F00
}
```

Border

The CSS property to change the border of an element to Hex 571F00 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".

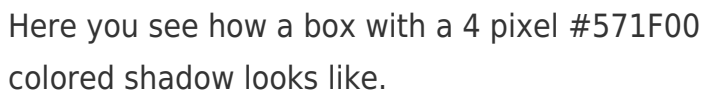
```
.border, #border, table{ border:4px solid
#571F00 }
```

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

```
.border{ border-color:#571F00 }
```

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

Here you see how a box with a 4 pixel #571F00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #571F00; -webkit-box-shadow:4px 4px  
4px 4px #571F00; box-shadow:4px 4px 4px  
4px #571F00 }
```

Background

The CSS property to change the background color of an element to Hex 571F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#571F00 }
```

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

```
.background{ background-color:#571F00 }
```

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