

Converting Colors

Hex(590B00)

Have a look what the booklet for
Hex(590B00) contains.

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Color

Hex(590B00)

Conversions

Conversions Part 1

Format	Color
Hex	590B00
RGB	89, 11, 0
RGB Percent	35%, 4%, 0%
CMY	0.6510, 0.9569, 1.0000
CMYK	0.00, 0.88, 1.00, 0.65
HSL	7°, 100%, 17%
HSV	7°, 100%, 35%
XYZ	4.2395, 2.3632, 0.2327
YIQ	33.0680, 50.0190, 13.1150

Conversions

Conversions Part 2

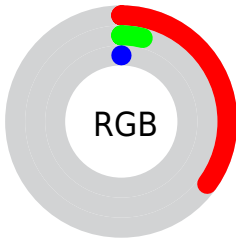
Format	Color
RYB	89, 13, 0
Decimal	5835520
CIELab	17.29, 33.84, 26.48
CIELCh	17, 42.967, 38.044
Yxy	2.3632, 0.6202, 0.3457
Android (android.graphics.Color)	4284025600 (0xFF590B00)
YUV	33.0680, -16.3025, 49.0524
Hunter-Lab	15.3727, 22.3248, 9.8634

Details

The Hex color **590B00** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **004E59**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **913E2F**, and **240001** is the 20% darker color. If you saturate the color by 10%, you get **590B00**, and if you desaturate by 10%, it is **591309**.

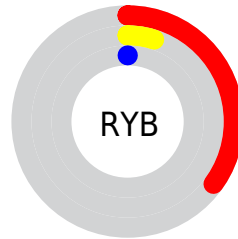
Distribution



Red (35%)

Green (4%)

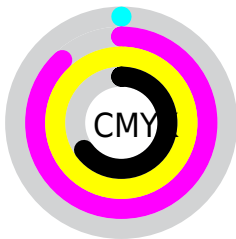
Blue (0%)



Red (35%)

Yellow (5%)

Blue (0%)

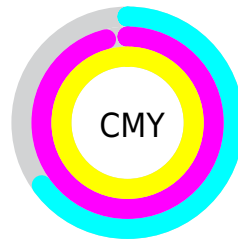


Cyan (0%)

Magenta (88%)

Yellow (100%)

Black (65%)



Cyan (65%)

Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 590B00 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 590B00 by changing the saturation by 10% instead.

 590B00

 590B00

 FFFAE2

 3D0000

 913E2F

 240001

 AE5745

 000000

 CB705D

 E98B76

 FFA690

 FFC1AA

 FFDDC6

 590B00

■ 591309

■ 591B12

■ 59221B

■ 592A24

■ 59322D

■ 593A35

■ 59423E

■ 594947

■ 595150

Harmonies

Analogous

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



5E0024



590B00



472000

Triad

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



590B00



003611



002C69

Complementary

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



590B00



004E59

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.



003464



590B00



003732

Square

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



590B00



0A3300



003750



331D5C

Rectangle

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



590B00



372900



003750



002F69

Sweetspot

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



590B00



735550



59004F



3B2826



BABABA



3B3B3B

Same Dimension

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



590B00



730E00



593700



2B2827



6B0D00



EB1D00

Inverse Universe

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



004E59



006573



002259



272B2B



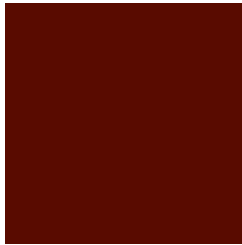
005E6B



00CEEB

Previews

White Background



This preview shows how the Hex color 590B00 looks on a white background.

Color Contrast Check

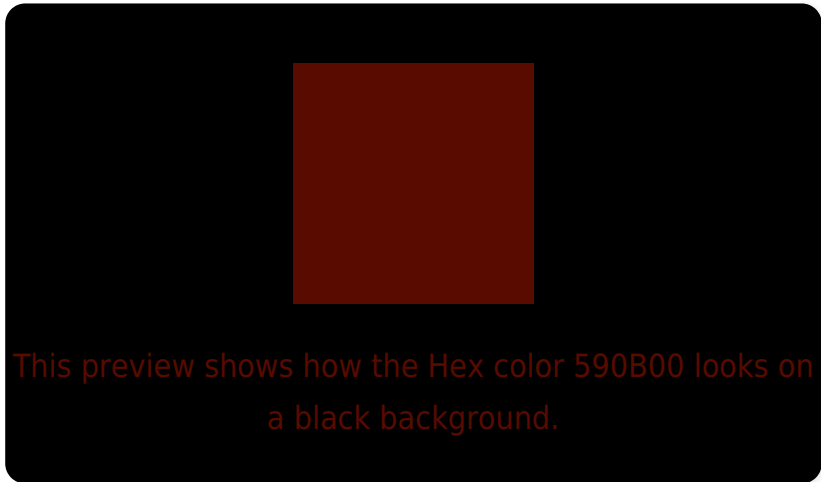
Large Text (above 18pt) WCAG AA ✓ Pass

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

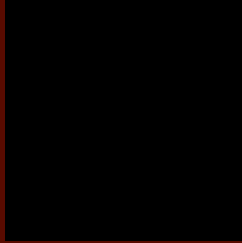
Any Text WCAG AA × Fail

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 590B00 Background



This preview shows how black text looks on a background with the Hex color 590B00.



This preview shows how white text looks on a background with the Hex color 590B00.

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
590B00

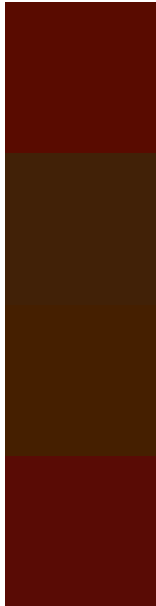
Protanopia
332E0B

Deuteranopia
392B00



Tritanopia
590B08

Trichromacy



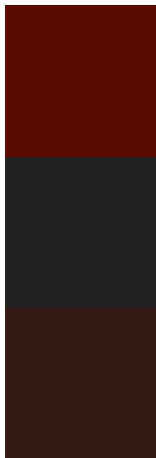
Original Color
590B00

Protanomaly
412107

Deuteranomaly
451F00

Tritanomaly
590B05

Monochromacy



Original Color
590B00

Achromatopsia
212121

Achromatomaly
351915

CSS Examples

Text

The CSS property to change the color of the text to Hex 590B00 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 #590B00 looks like.

```
.text, #text, p{  
    color:#590B00  
}
```

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 #590B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #590B00
}
```

Border

The CSS property to change the border of an element to Hex 590B00 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".

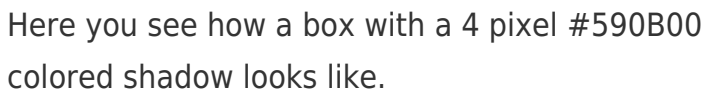
```
.border, #border, table{ border:4px solid
#590B00 }
```

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

```
.border{ border-color:#590B00 }
```

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

Here you see how a box with a 4 pixel #590B00 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #590B00 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #590B00; -webkit-box-shadow:4px 4px  
4px 4px #590B00; box-shadow:4px 4px 4px  
4px #590B00 }
```

Background

The CSS property to change the background color of an element to Hex 590B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#590B00 }
```

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

```
.background{ background-color:#590B00 }
```

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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