

Converting Colors

Hex(593D02)

Have a look what the booklet for
Hex(593D02) contains.

Hex(593D02)	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(593D02)

Conversions

Conversions Part 1

Format	Color
Hex	593D02
RGB	89, 61, 2
RGB Percent	35%, 24%, 1%
CMY	0.6510, 0.7608, 0.9922
CMYK	0.00, 0.31, 0.98, 0.65
HSL	41°, 96%, 18%
HSV	41°, 98%, 35%
XYZ	5.7995, 5.4657, 0.8068
YIQ	62.6460, 35.6270, -12.4130

Conversions

Conversions Part 2

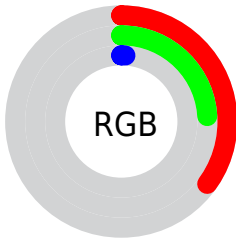
Format	Color
R_{YB}	43, 89, 2
Decimal	5848322
CIE Lab	28.02, 7.09, 36.78
CIE LCh	28, 37.453, 79.085
Yxy	5.4657, 0.4804, 0.4528
Android (android.graphics.Color)	4284038402 (0xFF593D02)
YUV	62.6460, -29.8985, 23.1125
Hunter-Lab	23.3789, 3.3669, 14.3192

Details

The Hex color **593D02** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **021E59**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8F6C33**, and **261300** is the 20% darker color. If you saturate the color by 10%, you get **593C00**, and if you desaturate by 10%, it is **59400B**.

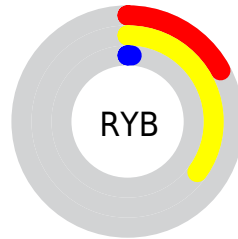
Distribution



Red (35%)

Green (24%)

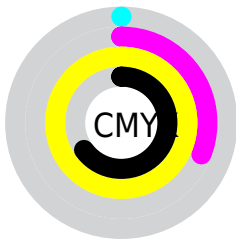
Blue (1%)



Red (17%)

Yellow (35%)

Blue (1%)

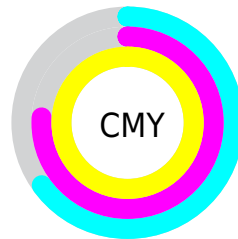


Cyan (0%)

Magenta (31%)

Yellow (98%)

Black (65%)



Cyan (65%)

Magenta (76%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 593D02 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 593D02 by changing the saturation by 10% instead.

 593D02

 593D02

 FFFFEA

 402700

 8F6C33

 261300

 AA854B

 000000

 C79F63

 E4BA7D

 FFD697

 FFF2B2

 FFFFCE

 593D02

 593D02

■ 593C00

■ 59400B

■ 594314

■ 59461D

■ 594826

■ 594B2F

■ 594E37

■ 595140

■ 595449

■ 595752

Harmonies

Analogous

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



6C3117



593D02



3F4603

Triad

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



593D02



005054



5A3268

Complementary

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



593D02



021E59

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.



2C3F79



593D02



004E6D

Square

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



593D02



004F36



00487B



71274E

Rectangle

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



593D02



294A11



00487B



4E366F

Sweetspot

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



593D02



736851



59021F



3B3426



BABABA



3B3B3B

Same Dimension

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



593D02



734E00



4A5902



2B2A27



6B4900



EB9F00

Inverse Universe

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



021E59



002573



100259



27282B



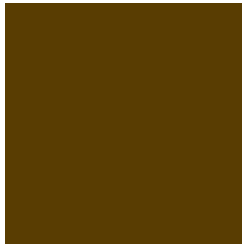
00226B



004CEB

Previews

White Background



This preview shows how the Hex color 593D02 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

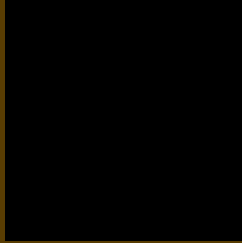
Any Text WCAG AA × Fail

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 593D02 Background



This preview shows how black text looks on a background with the Hex color 593D02.



This preview shows how white text looks on a background with the Hex color 593D02.

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
593D02

Protanopia
4B4306

Deuteranopia
543F00



Tritanopia
5C393D

Trichromacy



Original Color
593D02

Protanomaly
504105

Deuteranomaly
563E01

Tritanomaly
5B3A28

Monochromacy



Original Color
593D02

Achromatopsia
3F3F3F

Achromatomaly
483E29

CSS Examples

Text

The CSS property to change the color of the text to Hex 593D02 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 #593D02 looks like.

```
.text, #text, p{  
    color:#593D02  
}
```

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 #593D02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593D02
}
```

Border

The CSS property to change the border of an element to Hex 593D02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

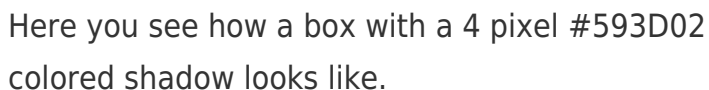
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#593D02 }
```

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

```
.border{ border-color:#593D02 }
```

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



Here you see how a box with a 4 pixel #593D02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593D02; -webkit-box-shadow:4px 4px  
4px 4px #593D02; box-shadow:4px 4px 4px  
4px #593D02 }
```

Background

The CSS property to change the background color of an element to Hex 593D02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593D02 }
```

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

```
.background{ background-color:#593D02 }
```

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