

Converting Colors

Hex(C59340)

Have a look what the booklet for
Hex(C59340) contains.

Hex(C59340)	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(C59340)

Conversions

Conversions Part 1

Format	Color
Hex	C59340
RGB	197, 147, 64
RGB Percent	77%, 58%, 25%
CMY	0.2275, 0.4235, 0.7490
CMYK	0.00, 0.25, 0.68, 0.23
HSL	37°, 53%, 51%
HSV	37°, 68%, 77%
XYZ	34.3851, 33.1079, 9.4287
YIQ	152.4880, 56.4430, -15.2130

Conversions

Conversions Part 2

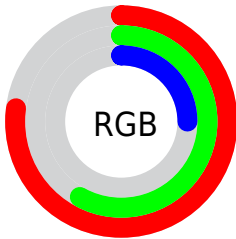
Format	Color
RYB	144, 197, 64
Decimal	12948288
CIELab	64.25, 10.37, 49.88
CIElCh	64, 50.943, 78.251
Yxy	33.1079, 0.4470, 0.4304
Android (android.graphics.Color)	4291138368 (0xFFC59340)
YUV	152.4880, -43.6246, 39.0370
Hunter-Lab	57.5395, 5.9759, 30.5621

Details

The Hex color **C59340** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4072C5**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC973**, and **8B6108** is the 20% darker color. If you saturate the color by 10%, you get **C58C2C**, and if you desaturate by 10%, it is **C59A54**.

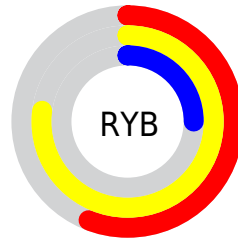
Distribution



Red (77%)

Green (58%)

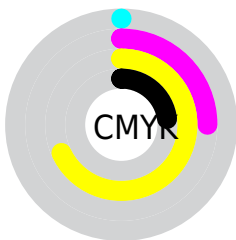
Blue (25%)



Red (56%)

Yellow (77%)

Blue (25%)

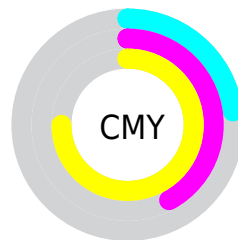


Cyan (0%)

Magenta (25%)

Yellow (68%)

Black (23%)



Cyan (23%)

Magenta (42%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C59340 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 C59340 by changing the saturation by 10% instead.

 C59340

 C59340

FFFFFF

 A87926

 FFC973

 8B6108

 FFE58E

 6F4900

 FFFFA9

 543300

 FFFFC5

 391E00

 FFFFFE1

 210700

FFFFFFE

 000000

 C59340

 C59340

 C58C2C

 C59A54

 C58419

 C5A267

 C57D05

 C5A97B

 C57B00

 C5B18F

 C5B8A3

 C5BFB6

 C5C7CA

 C5CEDE

 C5D6F1

Harmonies

Analogous

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



E48259



C59340



9BA241

Triad

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



C59340



00B2B7



C285D9

Complementary

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



C59340



4072C5

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.



8097F2



C59340



00AFDF

Square

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



C59340



00B188



00A6F4



E777B0

Rectangle

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



C59340



79A951



00A6F4



AF8BE3

Sweetspot

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



C59340



FFECCC



C54073



807461



000000



808080

Same Dimension

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



C59340



FFB130



B5C540



63605A



A36600



241600

Inverse Universe

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



4072C5



307EFF



5040C5



5A5D63



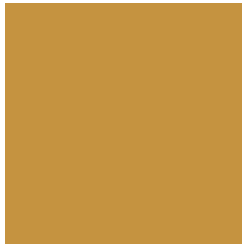
003DA3



000D24

Previews

White Background



This preview shows how the Hex color C59340 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

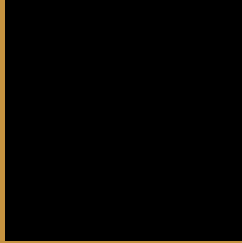
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C59340 Background



This preview shows how black text looks on a background with the Hex color C59340.



This preview shows how white text looks on a background with the Hex color C59340.

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
C59340

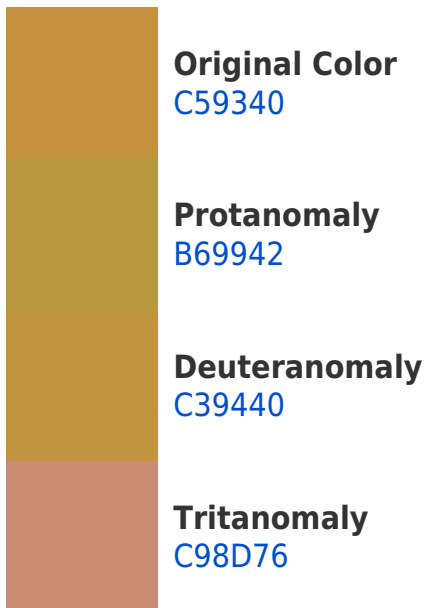
Protanopia
AE9C43

Deuteranopia
C29440

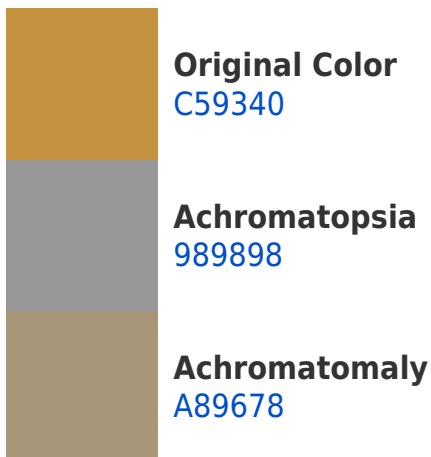


Tritanopia
CB8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C59340 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 #C59340 looks like.

```
.text, #text, p{  
    color:#C59340  
}
```

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 #C59340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C59340
}
```

Border

The CSS property to change the border of an element to Hex C59340 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
#C59340 }
```

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

```
.border{ border-color:#C59340 }
```

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

Here you see how a box with a 4 pixel #C59340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C59340; -webkit-box-shadow:4px 4px  
4px 4px #C59340; box-shadow:4px 4px 4px  
4px #C59340 }
```

Background

The CSS property to change the background color of an element to Hex C59340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C59340 }
```

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

```
.background{ background-color:#C59340 }
```

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