

Converting Colors

Hex(599340)

Have a look what the booklet for
Hex(599340) contains.

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Color

Hex(599340)

Conversions

Conversions Part 1

Format	Color
Hex	599340
RGB	89, 147, 64
RGB Percent	35%, 58%, 25%
CMY	0.6510, 0.4235, 0.7490
CMYK	0.39, 0.00, 0.56, 0.42
HSL	102°, 39%, 41%
HSV	102°, 56%, 58%
XYZ	15.4790, 23.3614, 8.5439
YIQ	120.1960, -7.9250, -38.1090

Conversions

Conversions Part 2

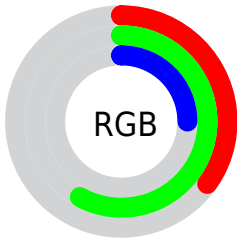
Format	Color
RYB	64, 147, 122
Decimal	5870400
CIELab	55.44, -34.90, 37.55
CIElCh	55, 51.263, 132.899
Yxy	23.3614, 0.3267, 0.4930
Android (android.graphics.Color)	4284060480 (0xFF599340)
YUV	120.1960, -27.7046, -27.3589
Hunter-Lab	48.3337, -27.4190, 23.3530

Details

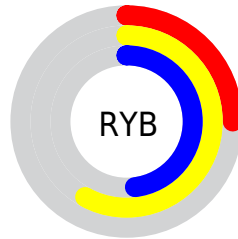
The Hex color **599340** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7A4093**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **8EC972**, and **24600E** is the 20% darker color. If you saturate the color by 10%, you get **4F9331**, and if you desaturate by 10%, it is **63934F**.

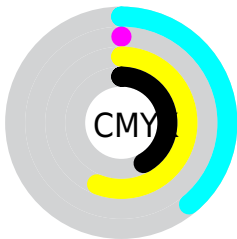
Distribution



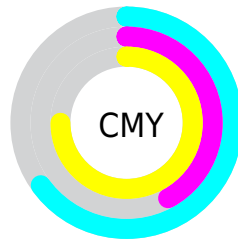
- Red (35%)
- Green (58%)
- Blue (25%)



- Red (25%)
- Yellow (58%)
- Blue (48%)



- Cyan (39%)
- Magenta (0%)
- Yellow (56%)
- Black (42%)



- Cyan (65%)
- Magenta (42%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 599340 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 599340 by changing the saturation by 10% instead.

 599340

 599340

FFFFFF

 3F7928

 8EC972

 24600E

 AAE68C

 034700

 C6FFA7

 003000

 E3FFC3

 001C00

 FFFFDF

 000000

FFFFFFC

 599340

 599340

 4F9331

 63934F

■ 449323

■ 6E935D

■ 3A9314

■ 78936C

■ 309305

■ 82937B

■ 2C9300

■ 8C938A

■ 979398

■ A193A7

■ AB93B6

■ B593C4

Harmonies

Analogous

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



8B8926



599340



009969

Triad

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



599340



0091D9



D65D73

Complementary

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



599340



7A4093

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.



C960A0



599340



5583DC

Square

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



599340



0098C0



A071C6



CD684A

Rectangle

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



599340



009A88



A071C6



D55C82

Sweetspot

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



599340



A9BF9F



937940



53614E



E0E0E0



616161

Same Dimension

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



599340



64BF3D



40934F



454A43



298A00



030A00

Inverse Universe

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



7A4093



983DBF



934084



48434A



60008A



07000A

Previews

White Background



This preview shows how the Hex color 599340 looks on a white background.

Color Contrast Check

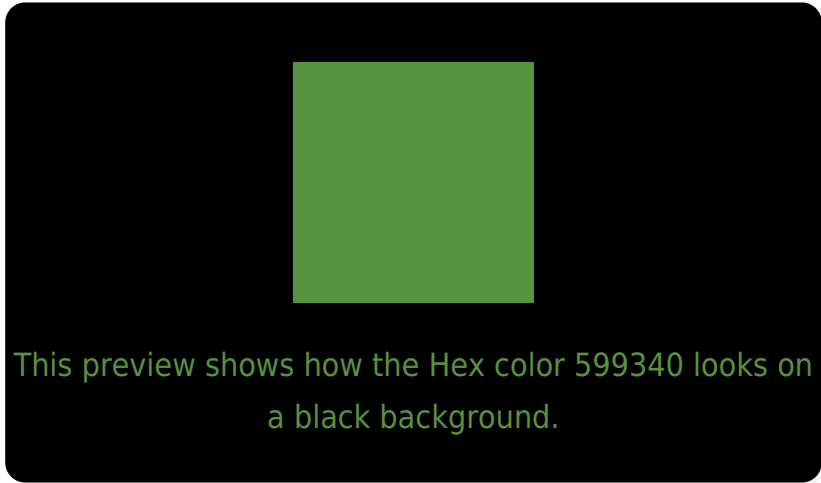
Large Text (above 18pt) WCAG AA ✓ Pass

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

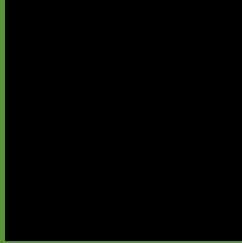
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 599340 Background



This preview shows how black text looks on a background with the Hex color 599340.

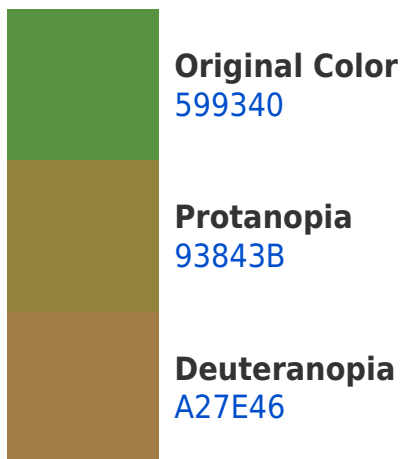



This preview shows how white text looks on a background with the Hex color 599340.

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





Tritanopia
678A95

Trichromacy



Original Color
599340

Protanomaly
7E893D

Deuteranomaly
878644

Tritanomaly
628D76

Monochromacy



Original Color
599340

Achromatopsia
787878

Achromatomaly
6D8264

CSS Examples

Text

The CSS property to change the color of the text to Hex 599340 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 #599340 looks like.

```
.text, #text, p{  
    color:#599340  
}
```

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 #599340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #599340
}
```

Border

The CSS property to change the border of an element to Hex 599340 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
#599340 }
```

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

```
.border{ border-color:#599340 }
```

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

Here you see how a box with a 4 pixel #599340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #599340; -webkit-box-shadow:4px 4px  
4px 4px #599340; box-shadow:4px 4px 4px  
4px #599340 }
```

Background

The CSS property to change the background color of an element to Hex 599340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#599340 }
```

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

```
.background{ background-color:#599340 }
```

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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