

Converting Colors

Hex(559834)

Have a look what the booklet for
Hex(559834) contains.

Hex(559834)	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(559834)

Conversions

Conversions Part 1

Format	Color
Hex	559834
RGB	85, 152, 52
RGB Percent	33%, 60%, 20%
CMY	0.6667, 0.4039, 0.7961
CMYK	0.44, 0.00, 0.66, 0.40
HSL	100°, 49%, 40%
HSV	100°, 66%, 60%
XYZ	15.5944, 24.6357, 7.1821
YIQ	120.5670, -7.8320, -45.3040

Conversions

Conversions Part 2

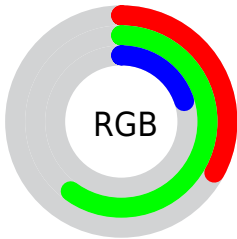
Format	Color
RYB	52, 152, 119
Decimal	5609524
CIELab	56.72, -39.72, 44.57
CIELCh	57, 59.698, 131.707
Yxy	24.6357, 0.3289, 0.5196
Android (android.graphics.Color)	4283799604 (0xFF559834)
YUV	120.5670, -33.8035, -31.1923
Hunter-Lab	49.6344, -30.7781, 26.1648

Details

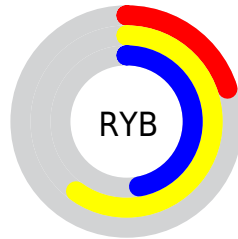
The Hex color **559834** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **773498**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8BCF67**, and **1C6400** is the 20% darker color. If you saturate the color by 10%, you get **4B9825**, and if you desaturate by 10%, it is **5F9843**.

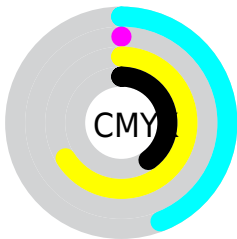
Distribution



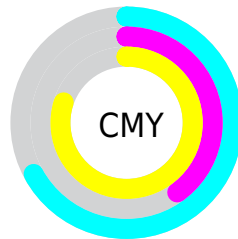
- Red (33%)
- Green (60%)
- Blue (20%)



- Red (20%)
- Yellow (60%)
- Blue (47%)



- Cyan (44%)
- Magenta (0%)
- Yellow (66%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 559834 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 559834 by changing the saturation by 10% instead.

 559834

 559834

FFFFFF

 3A7E19

 8BCF67

 1C6400

 A7EB81

 004C00

 C4FF9C

 003400

 E1FFB8

 001F00

 FEFFD4

 000000

 FFFFF1

 559834

 559834

 4B9825

 5F9843

■ 419816

■ 699852

■ 369806

■ 749862

■ 329800

■ 7E9871

■ 889880

■ 92988F

■ 9C989E

■ A698AE

■ B198BD

Harmonies

Analogous

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



8F8C0E



559834



009E65

Triad

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



559834



0097EB



E65576

Complementary

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



559834



773498

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.



D55BAA



559834



3F87EE

Square

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



559834



009FCC



A471D6



DB6445

Rectangle

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



559834



00A08A



A471D6



E45587

Sweetspot

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



559834



AAC49D



987734



53634C



E3E3E3



636363

Same Dimension

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



559834



5CC429



349845



474D45



2E8C00



040D00

Inverse Universe

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



773498



9129C4



983487



4A454D



5E008C



09000D

Previews

White Background



This preview shows how the Hex color 559834 looks on a white background.

Color Contrast Check

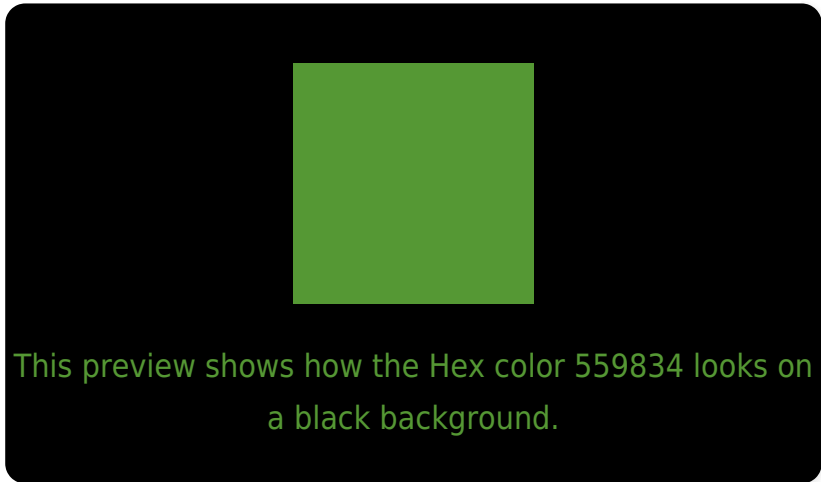
Large Text (above 18pt) WCAG AA ✓ Pass

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

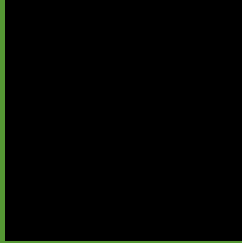
Any Text WCAG AA ✓ Pass

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 559834 Background



This preview shows how black text looks on a background with the Hex color 559834.



This preview shows how white text looks on a background with the Hex color 559834.

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
559834

Protanopia
97882F

Deuteranopia
A8813C



Tritanopia
668E9A

Trichromacy



Original Color
559834

Protanomaly
7F8E31

Deuteranomaly
8A8939

Tritanomaly
609275

Monochromacy



Original Color
559834

Achromatopsia
797979

Achromatomaly
6C8460

CSS Examples

Text

The CSS property to change the color of the text to Hex 559834 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 #559834 looks like.

```
.text, #text, p{  
    color:#559834  
}
```

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 #559834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #559834
}
```

Border

The CSS property to change the border of an element to Hex 559834 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".

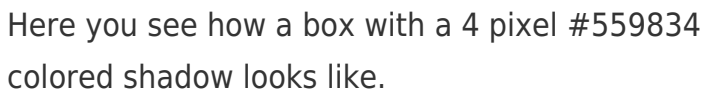
```
.border, #border, table{ border:4px solid
#559834 }
```

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

```
.border{ border-color:#559834 }
```

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

Here you see how a box with a 4 pixel #559834 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #559834; -webkit-box-shadow:4px 4px  
4px 4px #559834; box-shadow:4px 4px 4px  
4px #559834 }
```

Background

The CSS property to change the background color of an element to Hex 559834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#559834 }
```

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

```
.background{ background-color:#559834 }
```

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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