

Converting Colors

Hex(659337)

Have a look what the booklet for
Hex(659337) contains.

Hex(659337)	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(659337)

Conversions

Conversions Part 1

Format	Color
Hex	659337
RGB	101, 147, 55
RGB Percent	40%, 58%, 22%
CMY	0.6039, 0.4235, 0.7843
CMYK	0.31, 0.00, 0.63, 0.42
HSL	90°, 46%, 40%
HSV	90°, 63%, 58%
XYZ	16.4901, 23.9100, 7.3604
YIQ	122.7580, 2.1160, -38.3640

Conversions

Conversions Part 2

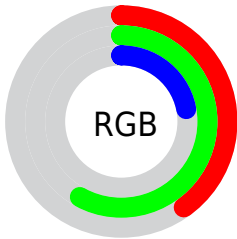
Format	Color
RYB	55, 147, 101
Decimal	6656823
CIELab	56.00, -31.47, 42.66
CIElCh	56, 53.011, 126.412
Yxy	23.9100, 0.3453, 0.5006
Android (android.graphics.Color)	4284846903 (0xFF659337)
YUV	122.7580, -33.4047, -19.0818
Hunter-Lab	48.8978, -25.3745, 25.3038

Details

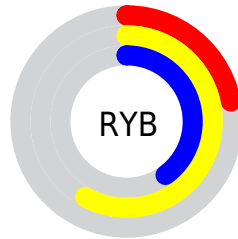
The Hex color **659337** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **653793**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9BC96A**, and **316000** is the 20% darker color. If you saturate the color by 10%, you get **5E9328**, and if you desaturate by 10%, it is **6C9346**.

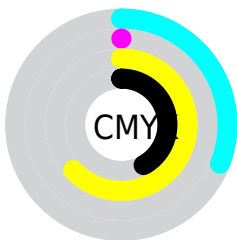
Distribution



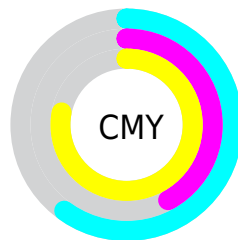
- Red (40%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (40%)



- Cyan (31%)
- Magenta (0%)
- Yellow (63%)
- Black (42%)



- Cyan (60%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 659337 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 659337 by changing the saturation by 10% instead.



659337



659337

FFFFFF



4B791D



9BC96A



316000



B6E684



174800



D3FF9F



003100



F0FFBA



001D00



FFFFD6



000000



FFFFF3



659337



659337



5E9328



6C9346

■ 56931A

■ 749354

■ 4F930B

■ 7B9363

■ 4A9300

■ 829372

■ 8A9381

■ 91938F

■ 98939E

■ A093AD

■ A793BB

Harmonies

Analogous

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



968722



659337



019A5F

Triad

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



659337



0095DA



DA5B7E

Complementary

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



659337



653793

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.



C663AC



659337



3688E2

Square

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



659337



009BBC



9576D1



D56552

Rectangle

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



659337



009C7F



9576D1



D65C8E

Sweetspot

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



659337



ADBF9B



936537



56614B



E0E0E0



616161

Same Dimension

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



659337



78BF30



379337



464A43



458A00



050A00

Inverse Universe

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



653793



7830BF



933793



46434A



45008A



05000A

Previews

White Background



This preview shows how the Hex color 659337 looks on a white background.

Color Contrast Check

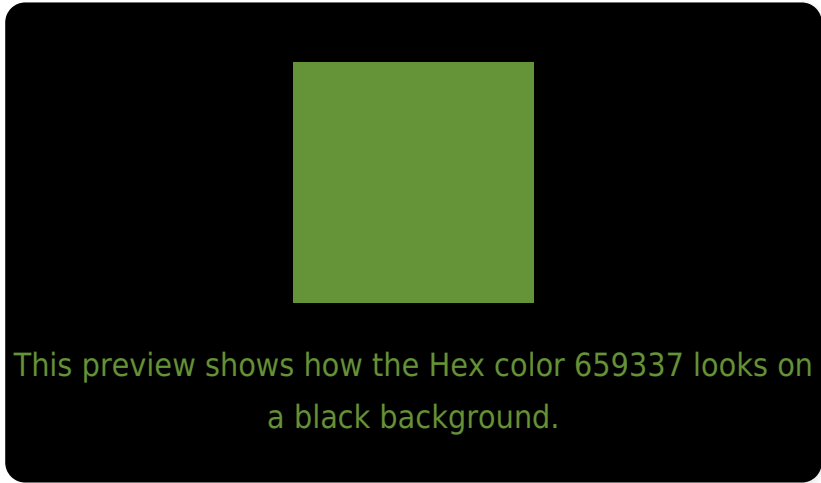
Large Text (above 18pt) WCAG AA ✓ Pass

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 659337 Background



This preview shows how black text looks on a background with the Hex color 659337.




This preview shows how white text looks on a background with the Hex color 659337.

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
728A95

Trichromacy



Original Color
659337

Protanomaly
848B34

Deuteranomaly
8E863B

Tritanomaly
6D8D73

Monochromacy



Original Color
659337

Achromatopsia
7B7B7B

Achromatomaly
738462

CSS Examples

Text

The CSS property to change the color of the text to Hex 659337 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 #659337 looks like.

```
.text, #text, p{  
    color:#659337  
}
```

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 #659337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #659337
}
```

Border

The CSS property to change the border of an element to Hex 659337 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
#659337 }
```

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

```
.border{ border-color:#659337 }
```

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

Here you see how a box with a 4 pixel #659337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #659337; -webkit-box-shadow:4px 4px  
4px 4px #659337; box-shadow:4px 4px 4px  
4px #659337 }
```

Background

The CSS property to change the background color of an element to Hex 659337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#659337 }
```

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

```
.background{ background-color:#659337 }
```

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