

# Converting Colors

Hex(659336)

Have a look what the booklet for  
Hex(659336) contains.

<b>Hex(659336)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(659336)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	659336
RGB	101, 147, 54
RGB Percent	40%, 58%, 21%
CMY	0.6039, 0.4235, 0.7882
CMYK	0.31, 0.00, 0.63, 0.42
HSL	90°, 46%, 39%
HSV	90°, 63%, 58%
XYZ	16.4664, 23.9005, 7.2354
YIQ	122.6440, 2.4370, -38.6750

# Conversions

## Conversions Part 2

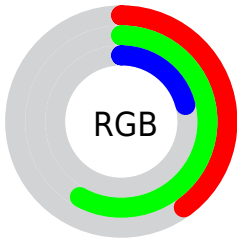
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 147, 100
Decimal	6656822
CIELab	55.99, -31.56, 43.11
CIELCh	56, 53.426, 126.207
Yxy	23.9005, 0.3459, 0.5021
Android (android.graphics.Color)	4284846902 (0xFF659336)
YUV	122.6440, -33.8415, -18.9818
Hunter-Lab	48.8881, -25.4322, 25.4468

# Details

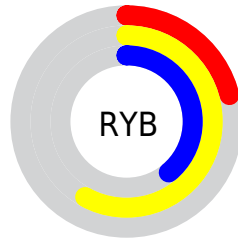
The Hex color **659336** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **643693**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9BC969**, and **316000** is the 20% darker color. If you saturate the color by 10%, you get **5E9327**, and if you desaturate by 10%, it is **6C9345**.

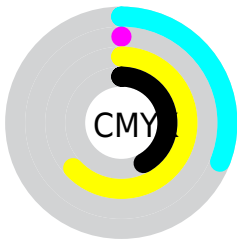
# Distribution



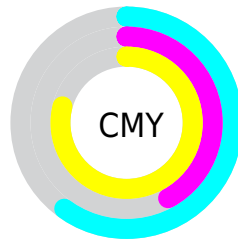
- Red (40%)
- Green (58%)
- Blue (21%)



- Red (21%)
- Yellow (58%)
- Blue (39%)



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



- Cyan (60%)
- Magenta (42%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 659336 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 659336 by changing the saturation by 10% instead.





659336



659336

FFFFFF



4B791C



9BC969



316000



B7E683



174800



D3FF9E



003100



F0FFB9



001D00



FFFFD5



000000



FFFFF2



659336



659336



5E9327



6C9345

■ 569319

■ 749353

■ 4F930A

■ 7B9362

■ 4A9300

■ 829371

■ 899380

■ 91938E

■ 98939D

■ 9F93AC

■ A693BA

# Harmonies

## Analogous

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



968720



659336



009A5F

# Triad

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



659336



0095DB



DA5B7E

# Complementary

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



659336



643693

# 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.



C663AD



659336



3388E3

# Square

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



659336



009BBC



9576D1



D56452

# Rectangle

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



659336



009C7F



9576D1



D65C8E



# Sweetspot

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



659336



ADBF9B



936336



56614B



E0E0E0



616161



# Same Dimension

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



659336



77BF2E



389336



464A43



468A00



050A00



# Inverse Universe

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



643693



762EBF



913693



46434A



44008A



05000A



# Previews

## White Background



This preview shows how the Hex color 659336 looks on a white background.

## Color Contrast Check

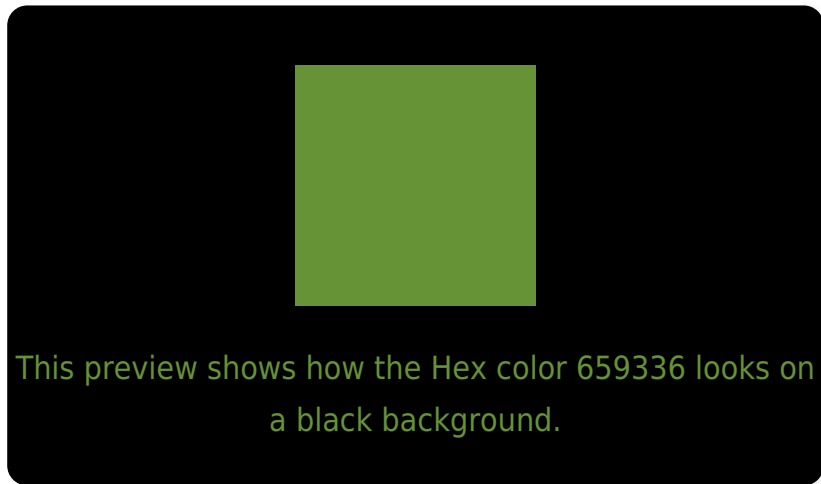
Large Text (above 18pt) WCAG AA ✓ Pass

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

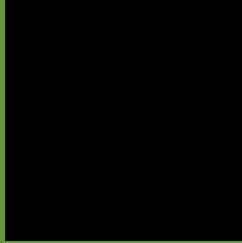
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 659336 Background



This preview shows how black text looks on a background with the Hex color 659336.



This preview shows how white text looks on a background with the Hex color 659336.

# 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**  
659336

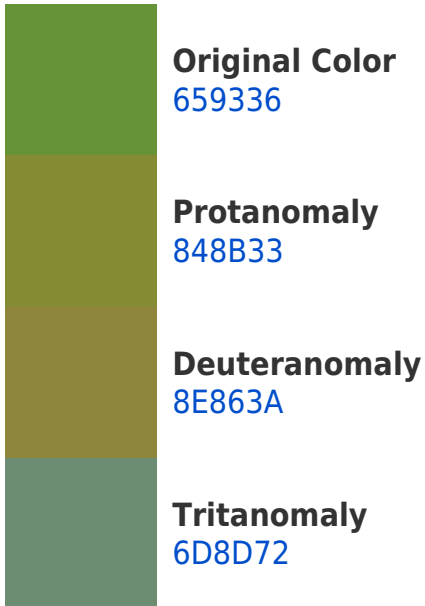
**Protanopia**  
958632

**Deuteranopia**  
A57F3C

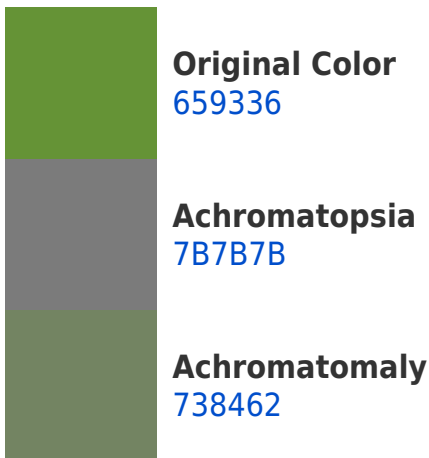


**Tritanopia**  
728A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 659336 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 #659336 looks like.

```
.text, #text, p{  
    color:#659336  
}
```

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 #659336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #659336
}
```

## Border

The CSS property to change the border of an element to Hex 659336 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
#659336 }
```

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

```
.border{ border-color:#659336 }
```

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

Here you see how a box with a 4 pixel #659336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #659336; -webkit-box-shadow:4px 4px  
4px 4px #659336; box-shadow:4px 4px 4px  
4px #659336 }
```

# Background

The CSS property to change the background color of an element to Hex 659336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#659336 }
```

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

```
.background{ background-color:#659336 }
```

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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