

# Converting Colors

Hex(629339)

Have a look what the booklet for  
Hex(629339) contains.

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# Color

Hex(629339)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	629339
RGB	98, 147, 57
RGB Percent	38%, 58%, 22%
CMY	0.6157, 0.4235, 0.7765
CMYK	0.33, 0.00, 0.61, 0.42
HSL	93°, 44%, 40%
HSV	93°, 61%, 58%
XYZ	16.2092, 23.7595, 7.6026
YIQ	122.0890, -0.3140, -38.3780

# Conversions

## Conversions Part 2

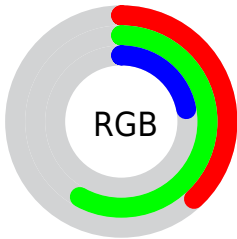
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 147, 106
Decimal	6460217
CIELab	55.85, -32.41, 41.52
CIELCh	56, 52.667, 127.975
Yxy	23.7595, 0.3407, 0.4994
Android (android.graphics.Color)	4284650297 (0xFF629339)
YUV	122.0890, -32.0889, -21.1261
Hunter-Lab	48.7437, -25.9431, 24.8731

# Details

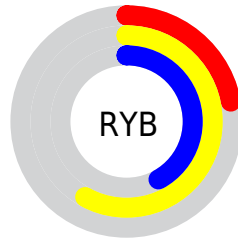
The Hex color **629339** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A3993**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **98C96C**, and **2E6002** is the 20% darker color. If you saturate the color by 10%, you get **5A932A**, and if you desaturate by 10%, it is **6A9348**.

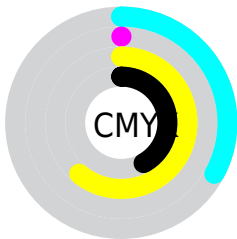
# Distribution



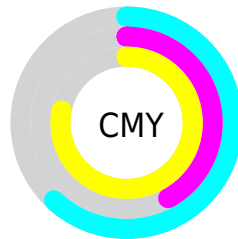
- Red (38%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (42%)



- Cyan (33%)
- Magenta (0%)
- Yellow (61%)
- Black (42%)



- Cyan (62%)
- Magenta (42%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 629339 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 629339 by changing the saturation by 10% instead.



 629339

 629339

FFFFFF

 487920

 98C96C

 2E6002

 B3E686

 134800

 D0FFA1

 003100

 ECFFBC

 001D00

 FFFFD8

 000000

 FFFFF5

 629339

 629339

 5A932A

 6A9348

■ 52931C

■ 729356

■ 4A930D

■ 7A9365

■ 439300

■ 829374

■ 8A9383

■ 929391

■ 9A93A0

■ A293AF

■ AA93BD

# Harmonies

## Analogous

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



938722



629339



009A62

# Triad

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



629339



0094DA



D95B7B

# Complementary

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



629339



6A3993

# 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.



C762A9



629339



3F87E1

# Square

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



629339



009ABD



9875CE



D36550

# Rectangle

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



629339



009C81



9875CE



D65C8B



# Sweetspot

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



629339



ADBF9D



936939



55614C



E0E0E0



616161



# Same Dimension

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



629339



73BF34



39933C



464A43



3F8A00



050A00



# Inverse Universe

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



6A3993



8034BF



933990



47434A



4B008A



06000A



# Previews

## White Background



This preview shows how the Hex color 629339 looks on a white background.

## Color Contrast Check

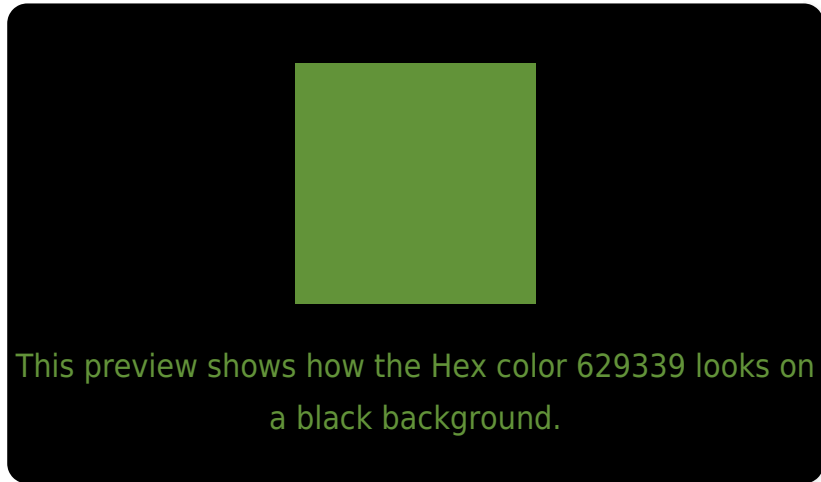
Large Text (above 18pt) WCAG AA ✓ Pass

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 629339 Background



This preview shows how black text looks on a background with the Hex color 629339.



This preview shows how white text looks on a background with the Hex color 629339.

# 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](#).

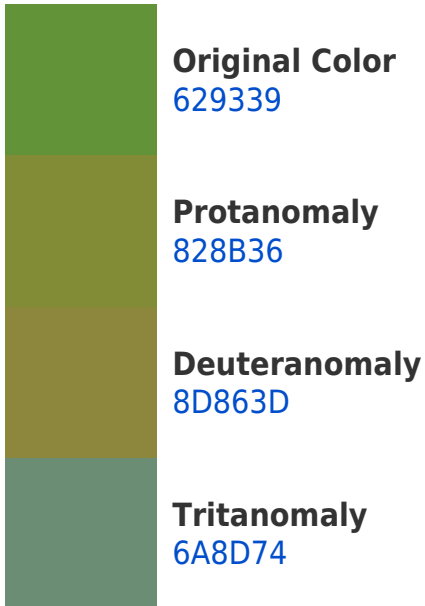
## Dichromacy



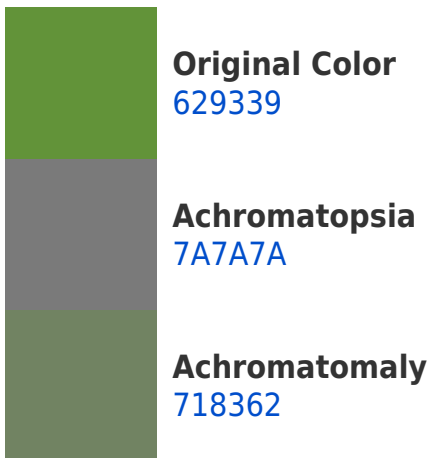


**Tritanopia**  
6F8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 629339 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 #629339 looks like.

```
.text, #text, p{  
    color:#629339  
}
```

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 #629339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629339
}
```

## Border

The CSS property to change the border of an element to Hex 629339 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
#629339 }
```

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

```
.border{ border-color:#629339 }
```

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

Here you see how a box with a 4 pixel #629339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629339; -webkit-box-shadow:4px 4px  
4px 4px #629339; box-shadow:4px 4px 4px  
4px #629339 }
```

# Background

The CSS property to change the background color of an element to Hex 629339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629339 }
```

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

```
.background{ background-color:#629339 }
```

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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