

# Converting Colors

Hex(629D69)

Have a look what the booklet for  
Hex(629D69) contains.

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**Color**

**Hex(629D69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	629D69
RGB	98, 157, 105
RGB Percent	38%, 62%, 41%
CMY	0.6157, 0.3843, 0.5882
CMYK	0.38, 0.00, 0.33, 0.38
HSL	127°, 23%, 50%
HSV	127°, 38%, 62%
XYZ	19.6438, 27.7305, 17.6818
YIQ	133.4310, -18.4720, -28.6800

# Conversions

## Conversions Part 2

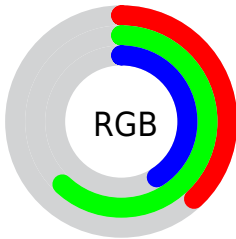
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 151, 157
Decimal	6462825
CIELab	59.64, -30.44, 21.31
CIELCh	60, 37.152, 145.006
Yxy	27.7305, 0.3020, 0.4263
Android (android.graphics.Color)	4284652905 (0xFF629D69)
YUV	133.4310, -14.0165, -31.0730
Hunter-Lab	52.6598, -25.5685, 16.9538

# Details

The Hex color **629D69** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9D6296**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **97D49D**, and **2F6939** is the 20% darker color. If you saturate the color by 10%, you get **529D5B**, and if you desaturate by 10%, it is **729D77**.

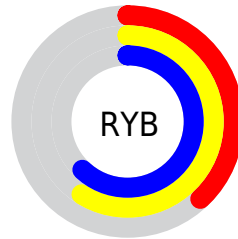
# Distribution



Red (38%)

Green (62%)

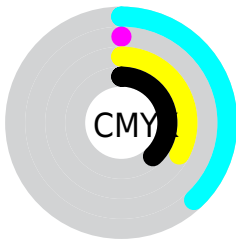
Blue (41%)



Red (38%)

Yellow (59%)

Blue (62%)

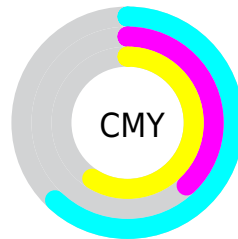


Cyan (38%)

Magenta (0%)

Yellow (33%)

Black (38%)



Cyan (62%)

Magenta (38%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 629D69 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 629D69 by changing the saturation by 10% instead.



 629D69

 629D69

FFFFFF

 488351

 97D49D

 2F6939

 B2F0B8

 145123

 CEFFD3

 00390D

 EBFFF0

 002400

 000000


 629D69

 629D69

 529D5B

 729D77

 439D4D

 819D85

 339D3F

 919D93

 239D32

 A19DA0

 149D24

 B19DAE

 049D16

 C09DBC

 009D13

 D09DCA

 E09DD8

 EF9DE6

# Harmonies

## Analogous

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



899653



629D69



30A089

# Triad

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



629D69



5295D0



CE7776

# Complementary

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



629D69



9D6296

# 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.



CA7696



629D69



8B89CB

# Square

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



629D69



009DC4



B37DB6



C2805B

# Rectangle

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



629D69



00A19F



B37DB6



CF7680



# Sweetspot

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



629D69



B6CCB8



969D62



59665A



E6E6E6



666666



# Same Dimension

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



629D69



70CC7B



629D86



474F48



008F11



000F02



# Inverse Universe

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



9D6296



CC70C1



9D6279



4F474E



8F007E



0F000D



# Previews

## White Background



This preview shows how the Hex color 629D69 looks on a white background.

## Color Contrast Check

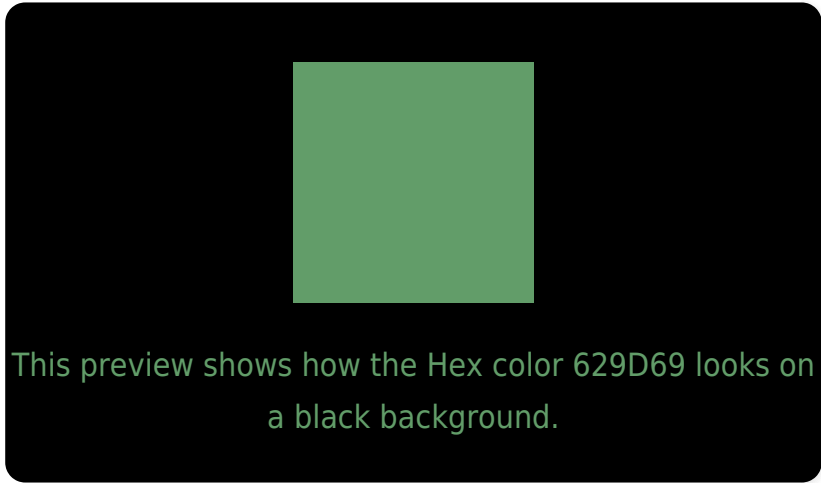
Large Text (above 18pt) WCAG AA ✓ Pass

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

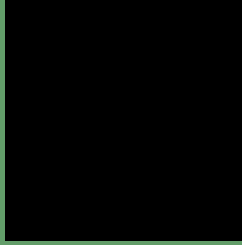
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 629D69 Background



This preview shows how black text looks on a background with the Hex color 629D69.



This preview shows how white text looks on a background with the Hex color 629D69.

# 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](#).

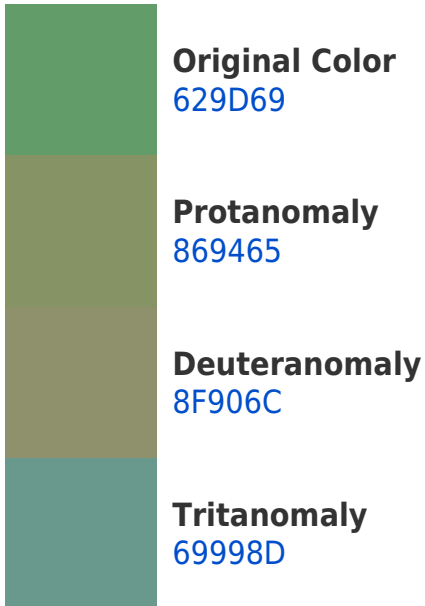
## Dichromacy



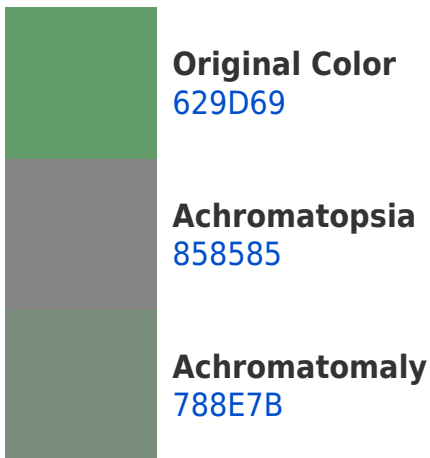


**Tritanopia**  
6D96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 629D69 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 #629D69 looks like.

```
.text, #text, p{  
    color:#629D69  
}
```

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 #629D69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629D69
}
```

## Border

The CSS property to change the border of an element to Hex 629D69 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
#629D69 }
```

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

```
.border{ border-color:#629D69 }
```

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

Here you see how a box with a 4 pixel #629D69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629D69; -webkit-box-shadow:4px 4px  
4px 4px #629D69; box-shadow:4px 4px 4px  
4px #629D69 }
```

# Background

The CSS property to change the background color of an element to Hex 629D69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629D69 }
```

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

```
.background{ background-color:#629D69 }
```

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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