

Converting Colors

Hex(629848)

Have a look what the booklet for
Hex(629848) contains.

Hex(629848)	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(629848)

Conversions

Conversions Part 1

Format	Color
Hex	629848
RGB	98, 152, 72
RGB Percent	38%, 60%, 28%
CMY	0.6157, 0.4039, 0.7176
CMYK	0.36, 0.00, 0.53, 0.40
HSL	100°, 36%, 44%
HSV	100°, 53%, 60%
XYZ	17.4349, 25.5210, 10.1380
YIQ	126.7340, -6.5040, -36.3280

Conversions

Conversions Part 2

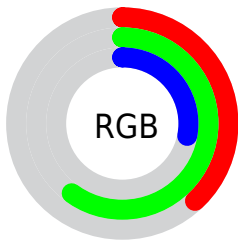
Format	Color
RYB	72, 152, 126
Decimal	6461512
CIELab	57.58, -33.06, 36.21
CIELCh	58, 49.033, 132.393
Yxy	25.5210, 0.3284, 0.4807
Android (android.graphics.Color)	4284651592 (0xFF629848)
YUV	126.7340, -26.9839, -25.1997
Hunter-Lab	50.5183, -26.8030, 23.4645

Details

The Hex color **629848** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7E4898**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **97CF7A**, and **2E6417** is the 20% darker color. If you saturate the color by 10%, you get **589839**, and if you desaturate by 10%, it is **6C9857**.

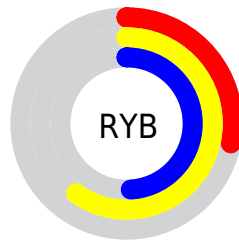
Distribution



Red (38%)

Green (60%)

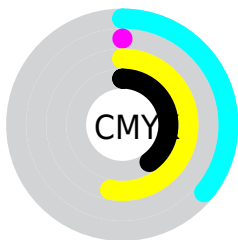
Blue (28%)



Red (28%)

Yellow (60%)

Blue (49%)

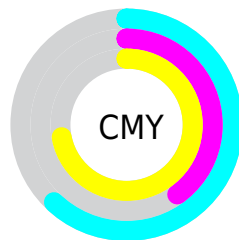


Cyan (36%)

Magenta (0%)

Yellow (53%)

Black (40%)



Cyan (62%)

Magenta (40%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 629848 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 629848 by changing the saturation by 10% instead.



629848



629848

FFFFFF



487E30



97CF7A



2E6417



B3EB95



124C00



CFFF00



003500



ECFFCC



002200



FFFFE8



000000



629848



629848



589839



6C9857



4D982A



779866

■ 43981A

■ 819876

■ 39980B

■ 8B9885

■ 319800

■ 959894

■ A098A3

■ AA98B2

■ B498C2

■ BE98D1

Harmonies

Analogous

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



918E31



629848



009E6F

Triad

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



629848



0096DC



DA657A

Complementary

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



629848



7E4898

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.



CC68A5



629848



5E89DE

Square

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



629848



009DC3



A478CA



D16F52

Rectangle

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



629848



009F8C



A478CA



D86489

Sweetspot

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



629848



AFC4A5



987D48



576351



E3E3E3



636363

Same Dimension

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



629848



71C449



489855



474D45



2E8C00



040D00

Inverse Universe

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



7E4898



9C49C4



98488B



4A454D



5F008C



09000D

Previews

White Background



This preview shows how the Hex color 629848 looks on a white background.

Color Contrast Check

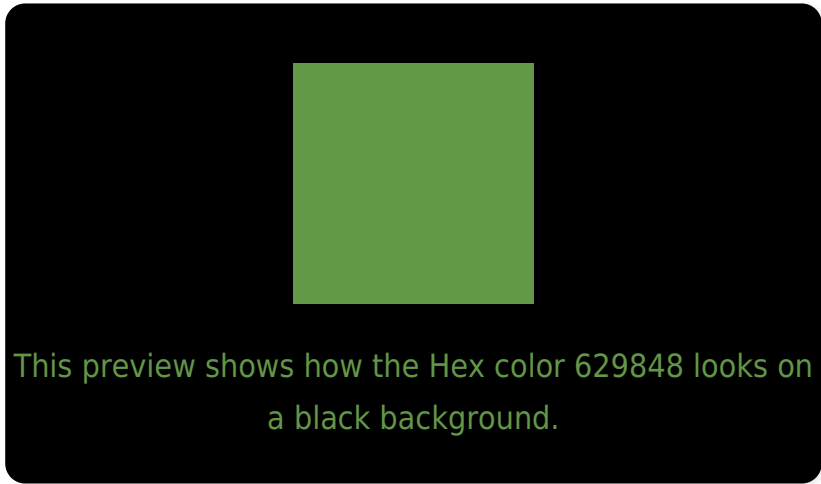
Large Text (above 18pt) WCAG AA ✓ Pass

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 629848 Background



This preview shows how black text looks on a background with the Hex color 629848.



This preview shows how white text looks on a background with the Hex color 629848.

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](#).

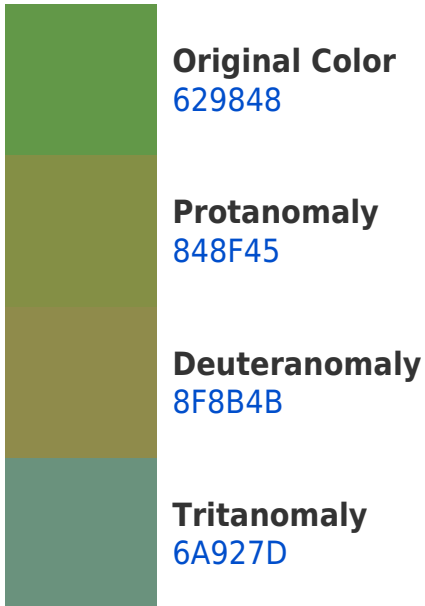
Dichromacy



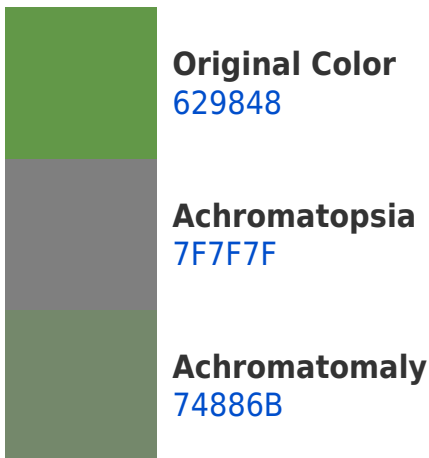


Tritanopia
6F8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 629848 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 #629848 looks like.

```
.text, #text, p{  
    color:#629848  
}
```

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 #629848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629848
}
```

Border

The CSS property to change the border of an element to Hex 629848 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
#629848 }
```

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

```
.border{ border-color:#629848 }
```

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

Here you see how a box with a 4 pixel #629848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629848; -webkit-box-shadow:4px 4px  
4px 4px #629848; box-shadow:4px 4px 4px  
4px #629848 }
```

Background

The CSS property to change the background color of an element to Hex 629848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629848 }
```

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

```
.background{ background-color:#629848 }
```

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