

Converting Colors

Hex(729437)

Have a look what the booklet for
Hex(729437) contains.

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Color

Hex(729437)

Conversions

Conversions Part 1

Format	Color
Hex	729437
RGB	114, 148, 55
RGB Percent	45%, 58%, 22%
CMY	0.5529, 0.4196, 0.7843
CMYK	0.23, 0.00, 0.63, 0.42
HSL	82°, 46%, 40%
HSV	82°, 63%, 58%
XYZ	18.2189, 25.0331, 7.4861
YIQ	127.2320, 9.5890, -36.1310

Conversions

Conversions Part 2

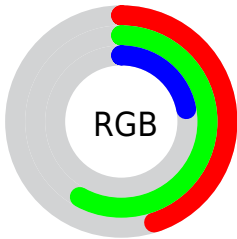
Format	Color
RYB	55, 148, 89
Decimal	7509047
CIELab	57.11, -26.83, 44.11
CIELCh	57, 51.631, 121.306
Yxy	25.0331, 0.3591, 0.4934
Android (android.graphics.Color)	4285699127 (0xFF729437)
YUV	127.2320, -35.6104, -11.6045
Hunter-Lab	50.0330, -22.5592, 26.1520

Details

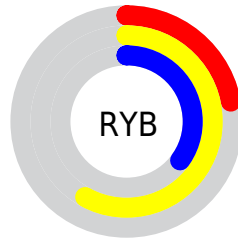
The Hex color **729437** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **593794**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A8CA6A**, and **3E6100** is the 20% darker color. If you saturate the color by 10%, you get **6D9428**, and if you desaturate by 10%, it is **779446**.

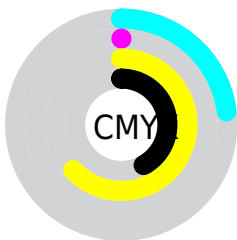
Distribution



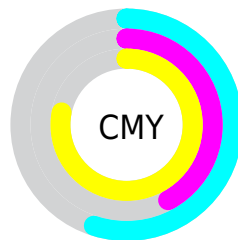
- Red (45%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (35%)



- Cyan (23%)
- Magenta (0%)
- Yellow (63%)
- Black (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 729437 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 729437 by changing the saturation by 10% instead.



729437



729437

FFFFFF



587A1D



A8CA6A



3E6100



C4E684



264900



E1FF9F



093200



FEFFBB



001F00



FFFFD7



000000



FFFFF4



729437



729437



6D9428



779446

■ 679419

■ 7D9455

■ 62940B

■ 829463

■ 5E9400

■ 889472

■ 8D9481

■ 929490

■ 98949F

■ 9D94AD

■ A394BC

Harmonies

Analogous

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



A08728



729437



2F9C5C

Triad

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



729437



0099D7



DA6089

Complementary

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



729437



593794

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.



C16AB5



729437



208DE3

Square

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



729437



009EB7



8D7CD6



D9665D

Rectangle

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



729437



009E7A



8D7CD6



D56298

Sweetspot

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



729437



B2BF9B



945837



59614B



E0E0E0



616161

Same Dimension

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



729437



8BBF30



459437



474A43



578A00



060A00

Inverse Universe

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



593794



6430BF



863794



45434A



32008A



04000A

Previews

White Background



This preview shows how the Hex color 729437 looks on a white background.

Color Contrast Check

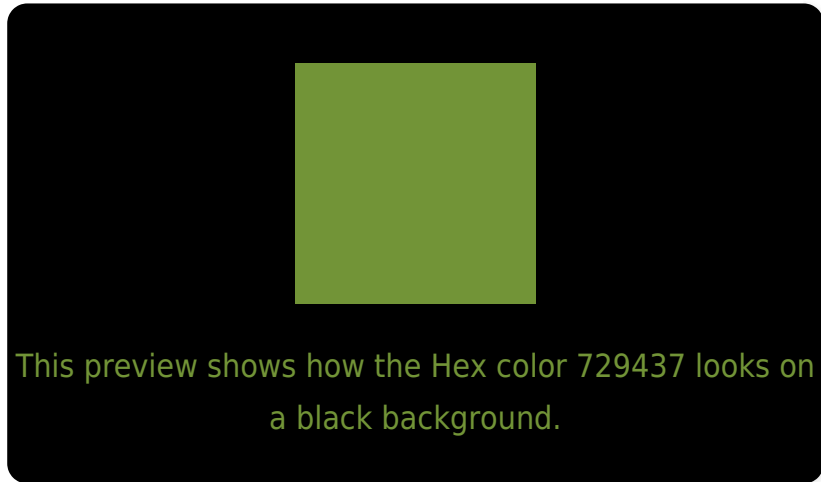
Large Text (above 18pt) WCAG AA ✓ Pass

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 729437 Background



This preview shows how black text looks on a background with the Hex color 729437.



This preview shows how white text looks on a background with the Hex color 729437.

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



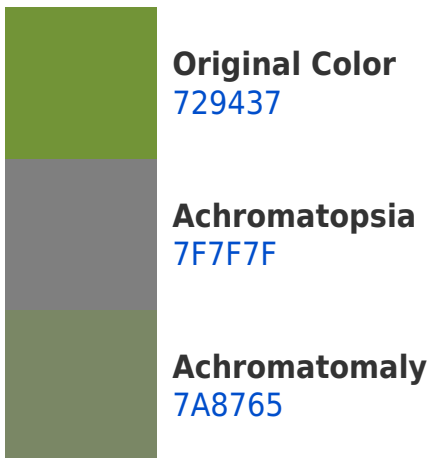


Tritanopia
7E8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 729437 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 #729437 looks like.

```
.text, #text, p{  
    color:#729437  
}
```

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 #729437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729437
}
```

Border

The CSS property to change the border of an element to Hex 729437 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
#729437 }
```

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

```
.border{ border-color:#729437 }
```

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

Here you see how a box with a 4 pixel #729437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729437; -webkit-box-shadow:4px 4px  
4px 4px #729437; box-shadow:4px 4px 4px  
4px #729437 }
```

Background

The CSS property to change the background color of an element to Hex 729437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729437 }
```

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

```
.background{ background-color:#729437 }
```

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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