

# Converting Colors

Hex(729133)

Have a look what the booklet for  
Hex(729133) contains.

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**Color**

**Hex(729133)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	729133
RGB	114, 145, 51
RGB Percent	45%, 57%, 20%
CMY	0.5529, 0.4314, 0.8000
CMYK	0.21, 0.00, 0.65, 0.43
HSL	80°, 48%, 38%
HSV	80°, 65%, 57%
XYZ	17.6624, 24.0672, 6.8465
YIQ	125.0150, 11.6980, -35.8060

# Conversions

## Conversions Part 2

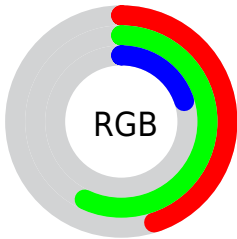
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 145, 82
Decimal	7508275
CIELab	56.16, -25.69, 44.87
CIELCh	56, 51.707, 119.788
Yxy	24.0672, 0.3636, 0.4955
Android (android.graphics.Color)	4285698355 (0xFF729133)
YUV	125.0150, -36.4894, -9.6602
Hunter-Lab	49.0584, -21.5872, 26.0664

# Details

The Hex color **729133** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **523391**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A8C766**, and **3E5E00** is the 20% darker color. If you saturate the color by 10%, you get **6D9125**, and if you desaturate by 10%, it is **779142**.

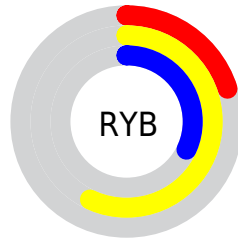
# Distribution



Red (45%)

Green (57%)

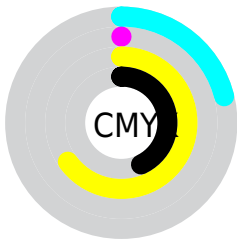
Blue (20%)



Red (20%)

Yellow (57%)

Blue (32%)

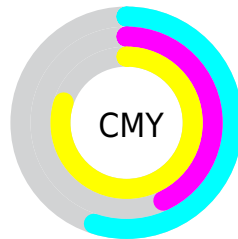


Cyan (21%)

Magenta (0%)

Yellow (65%)

Black (43%)



Cyan (55%)

Magenta (43%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 729133 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 729133 by changing the saturation by 10% instead.



 729133

 729133

FFFFFF

 587718

 A8C766

 3E5E00

 C4E380

 264600

 E1FF9B

 093000

 FEFFB6

 001D00

 FFFFD2

 000000

 FFFFEF

 729133

 729133

 6D9125

 779142

■ 689116

■ 7C9150

■ 649108

■ 80915F

■ 619100

■ 85916D

■ 8A917C

■ 8F918A

■ 939199

■ 9891A7

■ 9D91B6

# Harmonies

## Analogous

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



9F8426



729133



319957

# Triad

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



729133



0097D4



D65E89

# Complementary

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



729133



523391

# 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.



BD68B5



729133



008CE1

# Square

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



729133



009CB2



877BD5



D6635D

# Rectangle

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



729133



009C75



877BD5



D16098



# Sweetspot

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



729133



B1BD99



915133



575E49



DEDEDE



5E5E5E



# Same Dimension

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



729133



8CBD2A



449133



454740



5B8700



050800



# Inverse Universe

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



523391



5A2ABD



803391



434047



2D0087



030008



# Previews

## White Background



This preview shows how the Hex color 729133 looks on a white background.

## Color Contrast Check

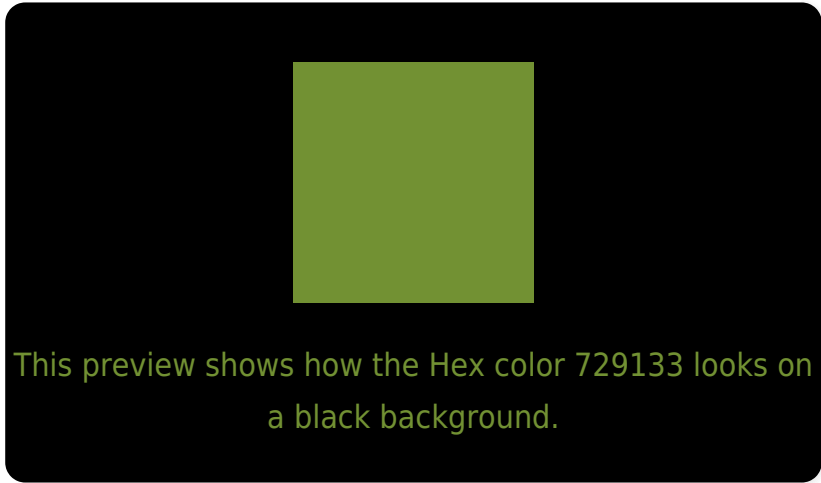
Large Text (above 18pt) WCAG AA ✓ Pass

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

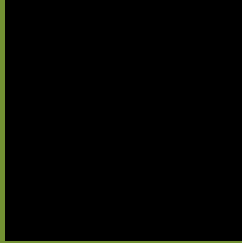
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 729133 Background



This preview shows how black text looks on a background with the Hex color 729133.



This preview shows how white text looks on a background with the Hex color 729133.

# 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



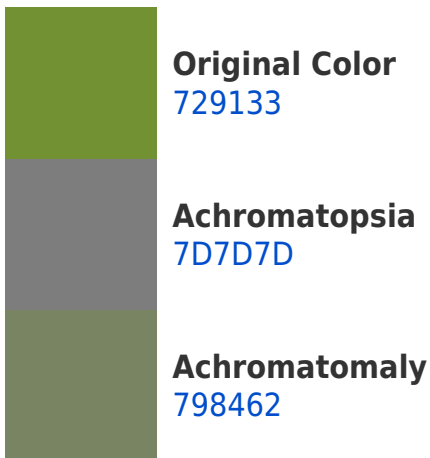


**Tritanopia**  
7D8892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 729133 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 #729133 looks like.

```
.text, #text, p{  
    color:#729133  
}
```

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 #729133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729133
}
```

## Border

The CSS property to change the border of an element to Hex 729133 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
#729133 }
```

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

```
.border{ border-color:#729133 }
```

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

Here you see how a box with a 4 pixel #729133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729133; -webkit-box-shadow:4px 4px  
4px 4px #729133; box-shadow:4px 4px 4px  
4px #729133 }
```

# Background

The CSS property to change the background color of an element to Hex 729133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729133 }
```

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

```
.background{ background-color:#729133 }
```

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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