

Converting Colors

Hex(729B00)

Have a look what the booklet for
Hex(729B00) contains.

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Color

Hex(729B00)

Conversions

Conversions Part 1

Format	Color
Hex	729B00
RGB	114, 155, 0
RGB Percent	45%, 61%, 0%
CMY	0.5529, 0.3922, 1.0000
CMYK	0.26, 0.00, 1.00, 0.39
HSL	76°, 100%, 30%
HSV	76°, 100%, 61%
XYZ	18.6608, 27.0201, 4.2319
YIQ	125.0710, 25.3190, -56.8970

Conversions

Conversions Part 2

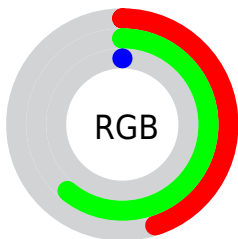
Format	Color
RYB	0, 155, 41
Decimal	7510784
CIELab	58.99, -32.64, 61.55
CIElCh	59, 69.671, 117.938
Yxy	27.0201, 0.3739, 0.5413
Android (android.graphics.Color)	4285700864 (0xFF729B00)
YUV	125.0710, -61.6600, -9.7093
Hunter-Lab	51.9809, -26.8862, 31.5597

Details

The Hex color **729B00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **29009B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **AAD248**, and **3C6800** is the 20% darker color. If you saturate the color by 10%, you get **729B00**, and if you desaturate by 10%, it is **769B0F**.

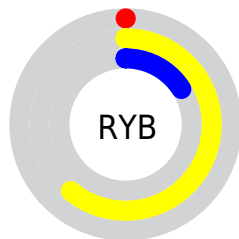
Distribution



Red (45%)

Green (61%)

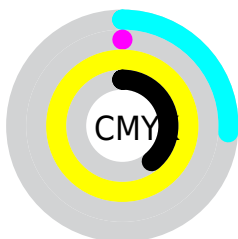
Blue (0%)



Red (0%)

Yellow (61%)

Blue (16%)

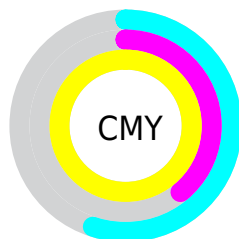


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 729B00 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 729B00 by changing the saturation by 10% instead.



729B00



729B00

FFFFFF



578100



AAD248



3C6800



C7EE63



1F4F00



E4FF7F



003800



FFFF9A



002400



FFFFB6



000000



FFFFD3



FFFFFF0



729B00

 769B0F

 7A9B1F

 7E9B2F

 829B3E

 879B4E

 8B9B5D

 8F9B6C

 939B7C

 979B8B

Harmonies

Analogous

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



AE8A00



729B00



00A549

Triad

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



729B00



00A4F5



F64C95

Complementary

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



729B00



29009B

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.



D362D0



729B00



0097FF

Square

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



729B00



00A9C6



827FFB



F75659

Rectangle

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



729B00



00A872



827FFB



EF51A9

Sweetspot

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



729B00



B9C98D



9B2700



5C6641



E6E6E6



666666

Same Dimension

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



729B00



94C900



279B00



4A4D45



678C00



090D00

Inverse Universe

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



29009B



3500C9



74009B



47454D



25008C



03000D

Previews

White Background



This preview shows how the Hex color 729B00 looks on a white background.

Color Contrast Check

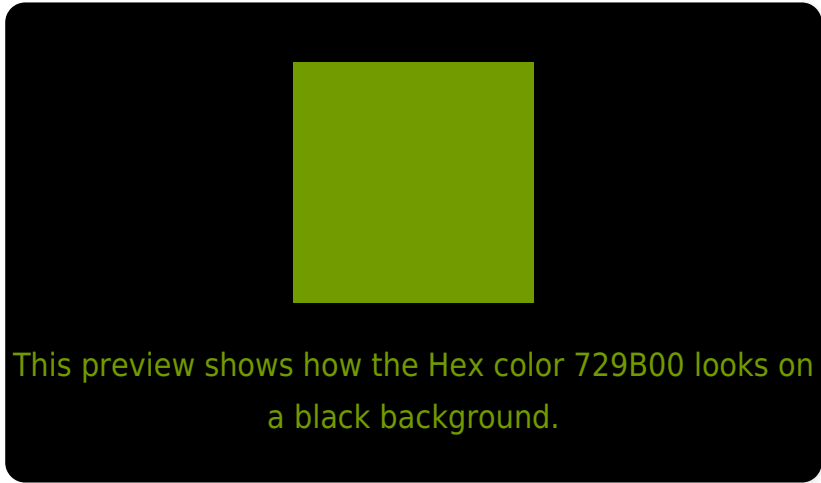
Large Text (above 18pt) WCAG AA ✓ Pass

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 729B00 Background



This preview shows how black text looks on a background with the Hex color 729B00.



This preview shows how white text looks on a background with the Hex color 729B00.

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



Original Color
729B00

Protanopia
A08E00

Deuteranopia
B2861D



Tritanopia
80909C

Trichromacy



Original Color
729B00

Protanomaly
8F9300

Deuteranomaly
9B8E12

Tritanomaly
7B9463

Monochromacy



Original Color
729B00

Achromatopsia
7D7D7D

Achromatomaly
798850

CSS Examples

Text

The CSS property to change the color of the text to Hex 729B00 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 #729B00 looks like.

```
.text, #text, p{  
    color:#729B00  
}
```

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 #729B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729B00
}
```

Border

The CSS property to change the border of an element to Hex 729B00 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
#729B00 }
```

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

```
.border{ border-color:#729B00 }
```

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

Here you see how a box with a 4 pixel #729B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729B00; -webkit-box-shadow:4px 4px  
4px 4px #729B00; box-shadow:4px 4px 4px  
4px #729B00 }
```

Background

The CSS property to change the background color of an element to Hex 729B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729B00 }
```

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

```
.background{ background-color:#729B00 }
```

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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