

Converting Colors

Hex(749A29)

Have a look what the booklet for
Hex(749A29) contains.

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Color

Hex(749A29)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 749A29 |
| RGB | 116, 154, 41 |
| RGB Percent | 45%, 60%, 16% |
| CMY | 0.5451, 0.3961, 0.8392 |
| CMYK | 0.25, 0.00, 0.73, 0.40 |
| HSL | 80°, 58%, 38% |
| HSV | 80°, 73%, 60% |
| XYZ | 19.1583, 26.9843, 6.2966 |
| YIQ | 129.7560, 13.6250, -43.1990 |

Conversions

Conversions Part 2

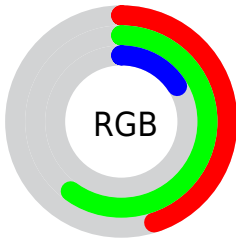
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 41, 154, 79 |
| Decimal | 7641641 |
| CIELab | 58.96, -29.94, 51.90 |
| CIELCh | 59, 59.916, 119.979 |
| Yxy | 26.9843, 0.3653, 0.5146 |
| Android (android.graphics.Color) | 4285831721 (0xFF749A29) |
| YUV | 129.7560, -43.7567, -12.0640 |
| Hunter-Lab | 51.9464, -25.0738, 29.1758 |

Details

The Hex color **749A29** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4F299A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ABD15E**, and **3F6700** is the 20% darker color. If you saturate the color by 10%, you get **6F9A1A**, and if you desaturate by 10%, it is **799A38**.

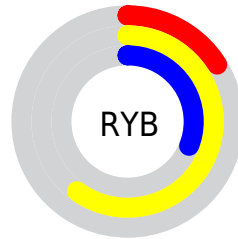
Distribution



Red (45%)

Green (60%)

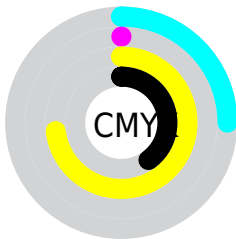
Blue (16%)



Red (16%)

Yellow (60%)

Blue (31%)

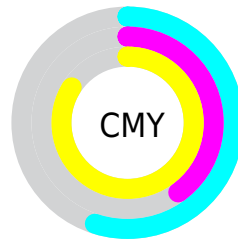


Cyan (25%)

Magenta (0%)

Yellow (73%)

Black (40%)



Cyan (55%)

Magenta (40%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749A29 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 749A29 by changing the saturation by 10% instead.



749A29



749A29

FFFFFF



598007



ABD15E



3F6700



C7ED79



254E00



E4FF94



043700



FFFFAF



002300



FFFFCB



000000



FFFFE8



749A29



749A29



6F9A1A



799A38

■ 6A9A0A

■ 7E9A48

■ 669A00

■ 849A57

■ 899A67

■ 8E9A76

■ 939A85

■ 989A95

■ 9D9AA4

■ A39AB4

Harmonies

Analogous

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



A88B14



749A29



1AA356

Triad

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



749A29



00A1E8



EA5B90

Complementary

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



749A29



4F299A

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.



CD69C3



749A29



0094F7

Square

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



749A29



00A6C1



8D80E9



E9625C

Rectangle

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



749A29



00A67A



8D80E9



E45DA2

Sweetspot

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



749A29



BBC99D



9A4F29



5D664B



E6E6E6



666666

Same Dimension

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



749A29



8EC918



3C9A29



4A4D45



5D8C00



080D00

Inverse Universe

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



4F299A



5418C9



87299A



47454D



2F008C



04000D

Previews

White Background



This preview shows how the Hex color 749A29 looks on a white background.

Color Contrast Check

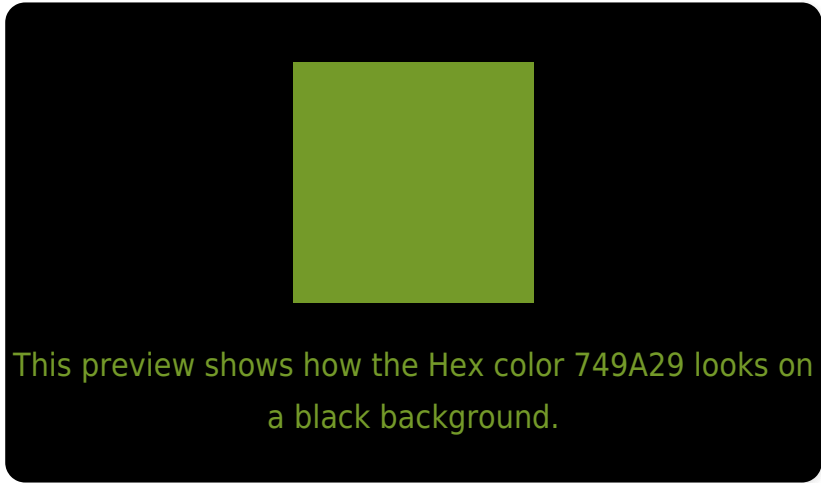
Large Text (above 18pt) WCAG AA ✓ Pass

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 749A29 Background



This preview shows how black text looks on a background with the Hex color 749A29.



This preview shows how white text looks on a background with the Hex color 749A29.

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
749A29

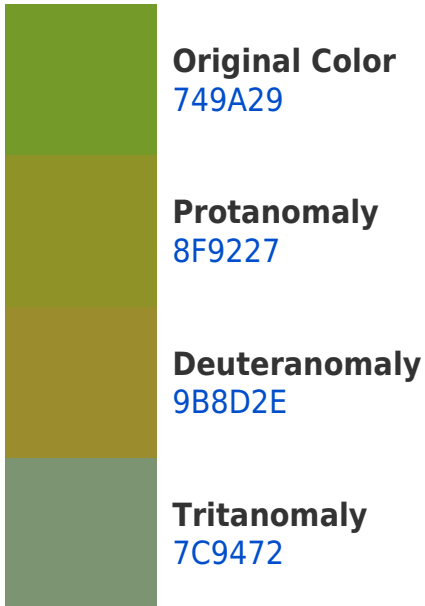
Protanopia
9F8E26

Deuteranopia
B18631



Tritanopia
81909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 749A29 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 #749A29 looks like.

```
.text, #text, p{  
    color:#749A29  
}
```

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 #749A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749A29
}
```

Border

The CSS property to change the border of an element to Hex 749A29 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
#749A29 }
```

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

```
.border{ border-color:#749A29 }
```

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

Here you see how a box with a 4 pixel #749A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749A29; -webkit-box-shadow:4px 4px  
4px 4px #749A29; box-shadow:4px 4px 4px  
4px #749A29 }
```

Background

The CSS property to change the background color of an element to Hex 749A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749A29 }
```

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

```
.background{ background-color:#749A29 }
```

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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