

# Converting Colors

Hex(729D2F)

Have a look what the booklet for  
Hex(729D2F) contains.

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**Color**

**Hex(729D2F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	729D2F
RGB	114, 157, 47
RGB Percent	45%, 62%, 18%
CMY	0.5529, 0.3843, 0.8157
CMYK	0.27, 0.00, 0.70, 0.38
HSL	83°, 54%, 40%
HSV	83°, 70%, 62%
XYZ	19.5095, 27.8966, 7.0456
YIQ	131.6030, 9.6820, -43.3260

# Conversions

## Conversions Part 2

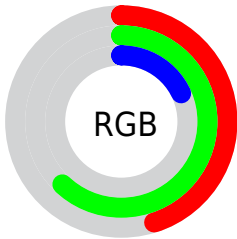
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 157, 90
Decimal	7511343
CIELab	59.80, -31.76, 50.39
CIELCh	60, 59.561, 122.224
Yxy	27.8966, 0.3583, 0.5123
Android (android.graphics.Color)	4285701423 (0xFF729D2F)
YUV	131.6030, -41.7093, -15.4378
Hunter-Lab	52.8172, -26.4963, 29.0630

# Details

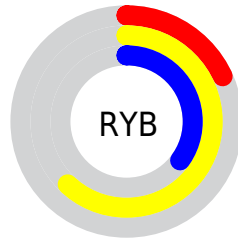
The Hex color **729D2F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5A2F9D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A9D463**, and **3D6900** is the 20% darker color. If you saturate the color by 10%, you get **6C9D1F**, and if you desaturate by 10%, it is **789D3F**.

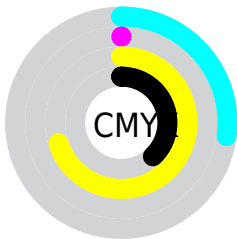
# Distribution



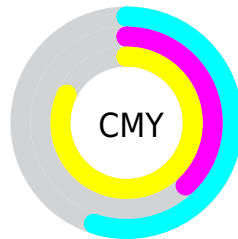
- Red (45%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (35%)



- Cyan (27%)
- Magenta (0%)
- Yellow (70%)
- Black (38%)



- Cyan (55%)
- Magenta (38%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 729D2F 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 729D2F by changing the saturation by 10% instead.



 729D2F

 729D2F

FFFFFF

 578311

 A9D463

 3D6900

 C5F07E

 235100

 E2FF99

 013900

 FFFFB5

 002500

 FFFFD1

 000000

 FFFFEE

 729D2F

 729D2F

 6C9D1F

 789D3F

■ 669D10

■ 7E9D4E

■ 609D00

■ 849D5E

■ 8B9D6E

■ 919D7E

■ 979D8D

■ 9D9D9D

■ A39DAD

■ A99DBC

# Harmonies

## Analogous

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



A78F18



729D2F



0DA55D

# Triad

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



729D2F



00A2EC



ED5E8E

# Complementary

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



729D2F



5A2F9D

# 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.



D26AC2



729D2F



0095F9

# Square

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



729D2F



00A8C7



9680E9



EA665B

# Rectangle

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



729D2F



00A880



9680E9



E85FA0



# Sweetspot

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



729D2F



BBCCA1



9D592F



5C664D



E6E6E6



666666



# Same Dimension

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



729D2F



89CC21



3C9D2F



4C4F47



578F00



090F00



# Inverse Universe

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



5A2F9D



6421CC



902F9D



4A474F



38008F



06000F



# Previews

## White Background



This preview shows how the Hex color 729D2F looks on a white background.

## Color Contrast Check

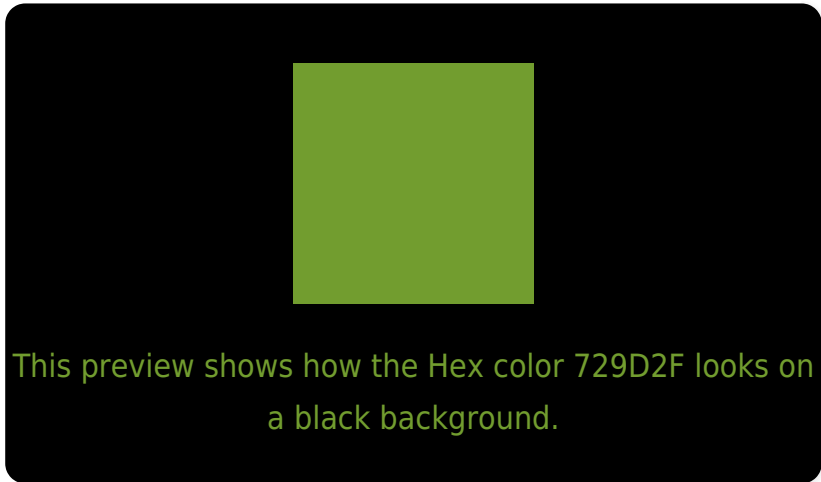
Large Text (above 18pt) WCAG AA ✓ Pass

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 729D2F Background



This preview shows how black text looks on a background with the Hex color 729D2F.



This preview shows how white text looks on a background with the Hex color 729D2F.

# 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**  
80939E

# Trichromacy



**Original Color**  
729D2F

**Protanomaly**  
90952D

**Deuteranomaly**  
9B9033

**Tritanomaly**  
7B9776

# Monochromacy



**Original Color**  
729D2F

**Achromatopsia**  
848484

**Achromatomaly**  
7D8D65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 729D2F 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 #729D2F looks like.

```
.text, #text, p{  
    color:#729D2F  
}
```

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 #729D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729D2F
}
```

## Border

The CSS property to change the border of an element to Hex 729D2F 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
#729D2F }
```

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

```
.border{ border-color:#729D2F }
```

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

Here you see how a box with a 4 pixel #729D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729D2F; -webkit-box-shadow:4px 4px  
4px 4px #729D2F; box-shadow:4px 4px 4px  
4px #729D2F }
```

# Background

The CSS property to change the background color of an element to Hex 729D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729D2F }
```

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

```
.background{ background-color:#729D2F }
```

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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