

# Converting Colors

Hex(727C32)

Have a look what the booklet for  
Hex(727C32) contains.

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**Color**

**Hex(727C32)**

# Conversions

## Conversions Part 1

Format	Color
Hex	727C32
RGB	114, 124, 50
RGB Percent	45%, 49%, 20%
CMY	0.5529, 0.5137, 0.8039
CMYK	0.08, 0.00, 0.60, 0.51
HSL	68°, 43%, 34%
HSV	68°, 60%, 49%
XYZ	14.7228, 18.2230, 5.7590
YIQ	112.5740, 17.7940, -25.1340

# Conversions

## Conversions Part 2

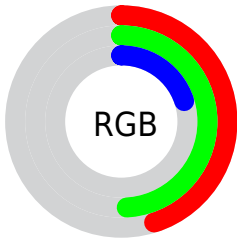
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 124, 60
Decimal	7502898
CIELab	49.77, -14.95, 38.31
CIELCh	50, 41.126, 111.309
Yxy	18.2230, 0.3804, 0.4708
Android (android.graphics.Color)	4285692978 (0xFF727C32)
YUV	112.5740, -30.8490, 1.2506
Hunter-Lab	42.6884, -13.1418, 21.8832

# Details

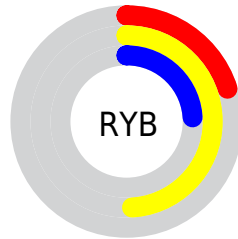
The Hex color **727C32** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3C327C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A8B063**, and **3F4B00** is the 20% darker color. If you saturate the color by 10%, you get **707C26**, and if you desaturate by 10%, it is **747C3E**.

# Distribution



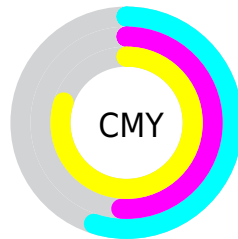
- Red (45%)
- Green (49%)
- Blue (20%)



- Red (20%)
- Yellow (49%)
- Blue (24%)



- Cyan (8%)
- Magenta (0%)
- Yellow (60%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 727C32 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 727C32 by changing the saturation by 10% instead.





727C32



727C32

FFFFFF



586319



A8B063



3F4B00



C3CC7D



283500



E0E897



0F2000



FDFFB3



000000



FFFCE



FFFEB



727C32



727C32



707C26



747C3E

■ 6F7C19

■ 757C4B

■ 6D7C0D

■ 777C57

■ 6B7C00

■ 797C64

■ 7A7C70

■ 7C7C7C

■ 7E7C89

■ 7F7C95

■ 817CA2

# Harmonies

## Analogous

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



93712F



727C32



488349

# Triad

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



727C32



0085AC



B25982

# Complementary

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



727C32



3C327C

# 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.



9763A2



727C32



007DBB

# Square

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



727C32



00888F



6871B7



B75A5F

# Rectangle

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



727C32



1C865F



6871B7



AB5C8E



# Sweetspot

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



727C32



9DA184



7C3C32



4F5240



D1D1D1



525252



# Same Dimension

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



727C32



91A12D



4D7C32



3C3D37



6C7D00



DAFC00



# Inverse Universe

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



3C327C



3D2DA1



61327C



38373D



11007D



2200FC



# Previews

## White Background



This preview shows how the Hex color 727C32 looks on a white background.

## Color Contrast Check

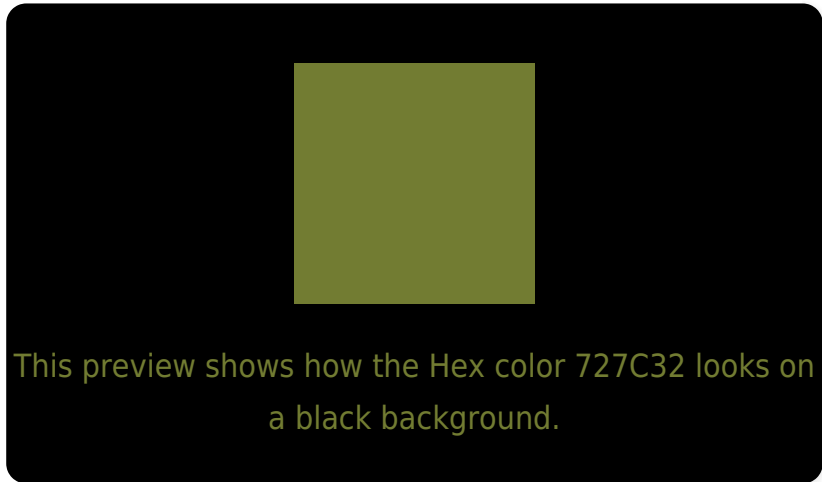
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

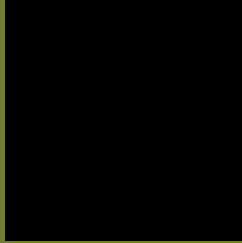
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 727C32 Background



This preview shows how black text looks on a background with the Hex color 727C32.



This preview shows how white text looks on a background with the Hex color 727C32.

# 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**  
727C32

**Protanopia**  
847630

**Deuteranopia**  
927035



**Tritanopia**  
7A747D

# Trichromacy



**Original Color**  
727C32

**Protanomaly**  
7D7831

**Deuteranomaly**  
867434

**Tritanomaly**  
777762

# Monochromacy



**Original Color**  
727C32

**Achromatopsia**  
717171

**Achromatomaly**  
71755A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 727C32 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 #727C32 looks like.

```
.text, #text, p{  
    color:#727C32  
}
```

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 #727C32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727C32
}
```

## Border

The CSS property to change the border of an element to Hex 727C32 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
#727C32 }
```

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

```
.border{ border-color:#727C32 }
```

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

Here you see how a box with a 4 pixel #727C32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727C32; -webkit-box-shadow:4px 4px  
4px 4px #727C32; box-shadow:4px 4px 4px  
4px #727C32 }
```

# Background

The CSS property to change the background color of an element to Hex 727C32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727C32 }
```

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

```
.background{ background-color:#727C32 }
```

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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