

# Converting Colors

Hex(727C5A)

Have a look what the booklet for  
Hex(727C5A) contains.

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**Color**

**Hex(727C5A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	727C5A
RGB	114, 124, 90
RGB Percent	45%, 49%, 35%
CMY	0.5529, 0.5137, 0.6471
CMYK	0.08, 0.00, 0.27, 0.51
HSL	78°, 16%, 42%
HSV	78°, 27%, 49%
XYZ	15.9925, 18.7309, 12.4454
YIQ	117.1340, 4.9540, -12.6940

# Conversions

## Conversions Part 2

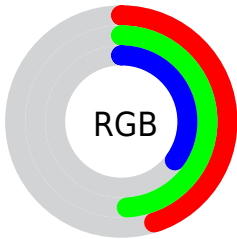
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 124, 100
Decimal	7502938
CIE <sub>Lab</sub>	50.37, -10.05, 17.37
CIE <sub>LCh</sub>	50, 20.067, 120.044
Yxy	18.7309, 0.3390, 0.3971
Android (android.graphics.Color)	4285693018 (0xFF727C5A)
YUV	117.1340, -13.3771, -2.7485
Hunter-Lab	43.2792, -9.7792, 13.2460

# Details

The Hex color **727C5A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **645A7C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A6B18C**, and **424B2C** is the 20% darker color. If you saturate the color by 10%, you get **6E7C4E**, and if you desaturate by 10%, it is **767C66**.

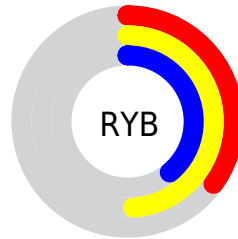
# Distribution



Red (45%)

Green (49%)

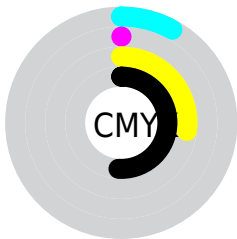
Blue (35%)



Red (35%)

Yellow (49%)

Blue (39%)

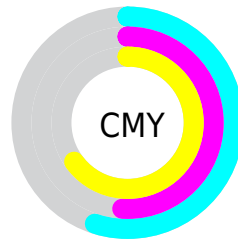


Cyan (8%)

Magenta (0%)

Yellow (27%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 727C5A 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 727C5A by changing the saturation by 10% instead.



 727C5A

 727C5A

FFFFFF

 596342

 A6B18C

 424B2C

 C1CCA7

 2B3517

 DDE8C2

 181F00

 FAFDE

 000300

 FFFFFB

 000000

 727C5A

 727C5A

 6E7C4E

 767C66

 6B7C41

 797C73

677C35

7D7C7F

637C28

817C8C

607C1C

847C98

5C7C10

887CA4

587C03

8C7CB1

587C00

8F7CBD

937CCA

# Harmonies

## Analogous

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



847756



727C5A



5E8066

# Triad

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



727C5A



4D7E95



996B78

# Complementary

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



727C5A



645A7C

# 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.



8E6E89



727C5A



63799A

# Square

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



727C5A



458188



7B7395



9A6D68

# Rectangle

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



727C5A



528171



7B7395



966C7E



# Sweetspot

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



727C5A



9DA194



7C645A



4F5249



D1D1D1



525252



# Same Dimension

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



727C5A



91A16C



617C5A



3B3D37



587D00



B2FC00



# Inverse Universe

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



645A7C



7B6CA1



755A7C



39373D



25007D



4A00FC



# Previews

## White Background



This preview shows how the Hex color 727C5A looks on a white background.

## Color Contrast Check

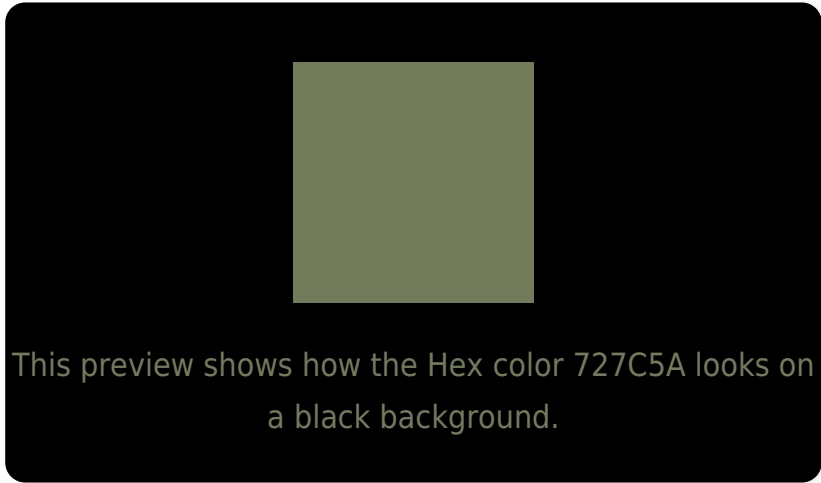
Large Text (above 18pt) WCAG AA ✓ Pass

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

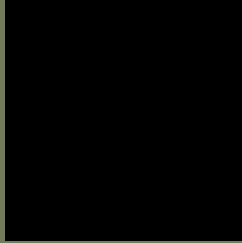
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 727C5A Background



This preview shows how black text looks on a background with the Hex color 727C5A.



This preview shows how white text looks on a background with the Hex color 727C5A.

# 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**  
727C5A

**Protanopia**  
817858

**Deuteranopia**  
8D735C



**Tritanopia**  
777780

# Trichromacy



**Original Color**

727C5A

**Protanomaly**

7C7959

**Deuteranomaly**

83765B

**Tritanomaly**

757972

# Monochromacy



**Original Color**

727C5A

**Achromatopsia**

757575

**Achromatomaly**

74786B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 727C5A 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 #727C5A looks like.

```
.text, #text, p{  
    color:#727C5A  
}
```

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 #727C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727C5A
}
```

## Border

The CSS property to change the border of an element to Hex 727C5A 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
#727C5A }
```

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

```
.border{ border-color:#727C5A }
```

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

Here you see how a box with a 4 pixel #727C5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727C5A; -webkit-box-shadow:4px 4px  
4px 4px #727C5A; box-shadow:4px 4px 4px  
4px #727C5A }
```

# Background

The CSS property to change the background color of an element to Hex 727C5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727C5A }
```

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

```
.background{ background-color:#727C5A }
```

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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