

# Converting Colors

Hex(717225)

Have a look what the booklet for  
Hex(717225) contains.

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**Color**

**Hex(717225)**

# Conversions

## Conversions Part 1

Format	Color
Hex	717225
RGB	113, 114, 37
RGB Percent	44%, 45%, 15%
CMY	0.5569, 0.5529, 0.8549
CMYK	0.01, 0.00, 0.68, 0.55
HSL	61°, 51%, 30%
HSV	61°, 68%, 45%
XYZ	13.1613, 15.6789, 4.0829
YIQ	104.9230, 24.1210, -24.1590

# Conversions

## Conversions Part 2

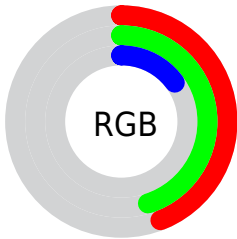
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 114, 38
Decimal	7434789
CIELab	46.55, -10.94, 40.90
CIELCh	47, 42.340, 104.970
Yxy	15.6789, 0.3998, 0.4762
Android (android.graphics.Color)	4285624869 (0xFF717225)
YUV	104.9230, -33.4860, 7.0835
Hunter-Lab	39.5966, -9.9634, 21.6041

# Details

The Hex color **717225** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **262572**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A7A656**, and **3E4200** is the 20% darker color. If you saturate the color by 10%, you get **71721A**, and if you desaturate by 10%, it is **717230**.

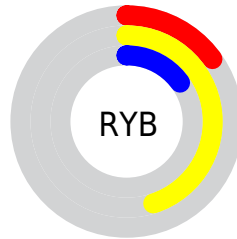
# Distribution



Red (44%)

Green (45%)

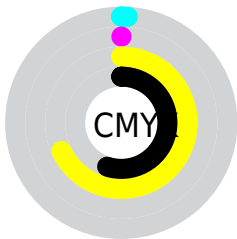
Blue (15%)



Red (15%)

Yellow (45%)

Blue (15%)

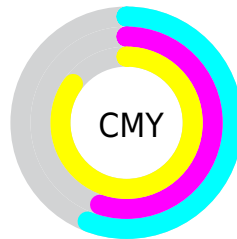


Cyan (1%)

Magenta (0%)

Yellow (68%)

Black (55%)



Cyan (56%)

Magenta (55%)


Yellow (85%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 717225 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 717225 by changing the saturation by 10% instead.



 717225

 717225

FFFFFF

 575A0A


 A7A656

 3E4200

 C3C170

 262C00

 DFDD8A

 081900


 FDF9A5


 000000

 FFFFC0

 FFFFDD

 FFFFF9

 717225

 717225

■ 71721A

■ 717230

■ 71720E

■ 71723C

■ 717203

■ 717247

■ 717200

■ 727253

■ 72725E

■ 727269

■ 727275

■ 727280

■ 72728C

# Harmonies

## Analogous

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



916627



717225



497A3A

# Triad

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



717225



007EA0



A65182

# Complementary

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



717225



262572

# 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.



875EA1



717225



0077B3

# Square

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



717225



008080



506CB3



B04F5E

# Rectangle

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



717225



207E4F



506CB3



9E558D



# Sweetspot

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



717225



949476



722525



4A4A38



C9C9C9



4A4A4A



# Same Dimension

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



717225



92941C



4C7225



383832



767800



F4F700



# Inverse Universe

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



262572



1E1C94



4C2572



333238



020078



0300F7



# Previews

## White Background



This preview shows how the Hex color 717225 looks on a white background.

## Color Contrast Check

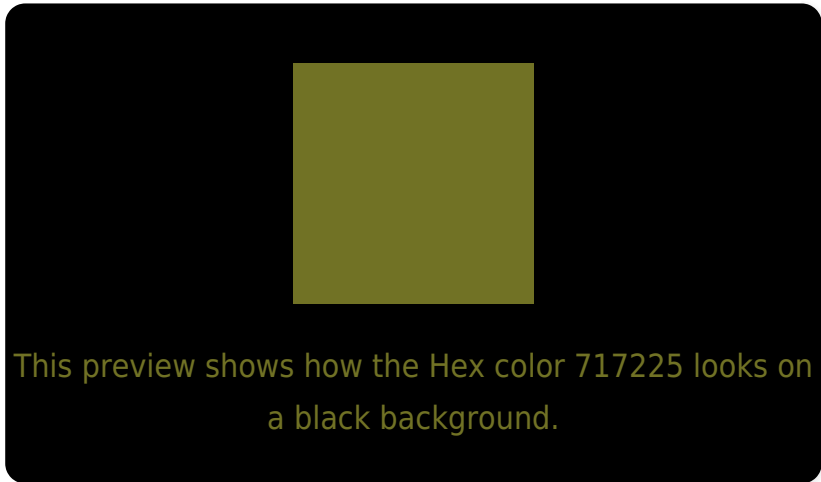
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

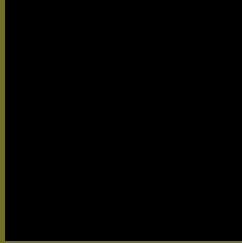
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 717225 Background



This preview shows how black text looks on a background with the Hex color 717225.



This preview shows how white text looks on a background with the Hex color 717225.

# 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**


717225

**Protanopia**

7B6F24

**Deuteranopia**

8A6928



**Tritanopia**  
786B73

# Trichromacy



**Original Color**  
717225

**Protanomaly**  
777024

**Deuteranomaly**  
816C27

**Tritanomaly**  
756E57

# Monochromacy



**Original Color**  
717225

**Achromatopsia**  
696969

**Achromatomaly**  
6C6C50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 717225 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 #717225 looks like.

```
.text, #text, p{  
    color:#717225  
}
```

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 #717225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717225
}
```

## Border

The CSS property to change the border of an element to Hex 717225 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
#717225 }
```

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

```
.border{ border-color:#717225 }
```

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

Here you see how a box with a 4 pixel #717225 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717225; -webkit-box-shadow:4px 4px  
4px 4px #717225; box-shadow:4px 4px 4px  
4px #717225 }
```

# Background

The CSS property to change the background color of an element to Hex 717225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717225 }
```

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

```
.background{ background-color:#717225 }
```

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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