

# Converting Colors

Hex(747223)

Have a look what the booklet for  
Hex(747223) contains.

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**Color**

**Hex(747223)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	747223
RGB	116, 114, 35
RGB Percent	45%, 45%, 14%
CMY	0.5451, 0.5529, 0.8627
CMYK	0.00, 0.02, 0.70, 0.55
HSL	59°, 54%, 30%
HSV	59°, 70%, 45%
XYZ	13.5231, 15.8690, 3.9404
YIQ	105.5920, 26.5510, -24.1450

# Conversions

## Conversions Part 2

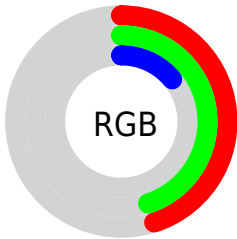
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 116, 35
Decimal	7631395
CIELab	46.80, -9.67, 42.13
CIELCh	47, 43.222, 102.933
Yxy	15.8690, 0.4057, 0.4761
Android (android.graphics.Color)	4285821475 (0xFF747223)
YUV	105.5920, -34.8019, 9.1278
Hunter-Lab	39.8359, -9.1172, 22.0204

# Details

The Hex color **747223** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **232574**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AAA655**, and **414200** is the 20% darker color. If you saturate the color by 10%, you get **747217**, and if you desaturate by 10%, it is **74722F**.

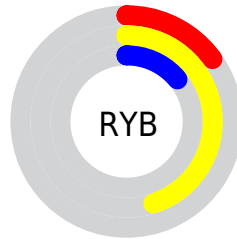
# Distribution



Red (45%)

Green (45%)

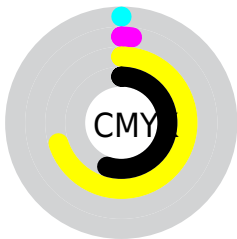
Blue (14%)



Red (15%)

Yellow (45%)

Blue (14%)

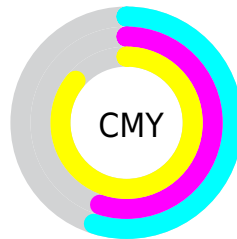


Cyan (0%)

Magenta (2%)

Yellow (70%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747223 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 747223 by changing the saturation by 10% instead.



747223

747223

FFFFFF

5A5A07

AAA655

414200

C6C16E

282C00

E3DD88

0D1900

FFF9A3

000000

FFFFBF

FFFFDB

FFFFF8

747223

747223

■ 747217

■ 74722F

■ 74710C

■ 74733A

■ 747100

■ 747346

■ 747351

■ 74735D

■ 747469

■ 747474

■ 747480

■ 74758B

# Harmonies

## Analogous

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



946627



747223



4C7B37

# Triad

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



747223



007FA0



A75285

# Complementary

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



747223



232574

# 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.



855FA4



747223



0079B4

# Square

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



747223



00817E



4A6EB6



B24F61

# Rectangle

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



747223



247E4C



4A6EB6



9E5591



# Sweetspot

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



747223



969677



742326



4D4C39



CCCCCC



4D4D4D



# Same Dimension

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



747223



969318



4E7423



3B3B35



7A7700



FAF400



# Inverse Universe

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



232574



181B96



492374



35353B



00037A



0006FA



# Previews

## White Background



This preview shows how the Hex color 747223 looks on a white background.

## Color Contrast Check

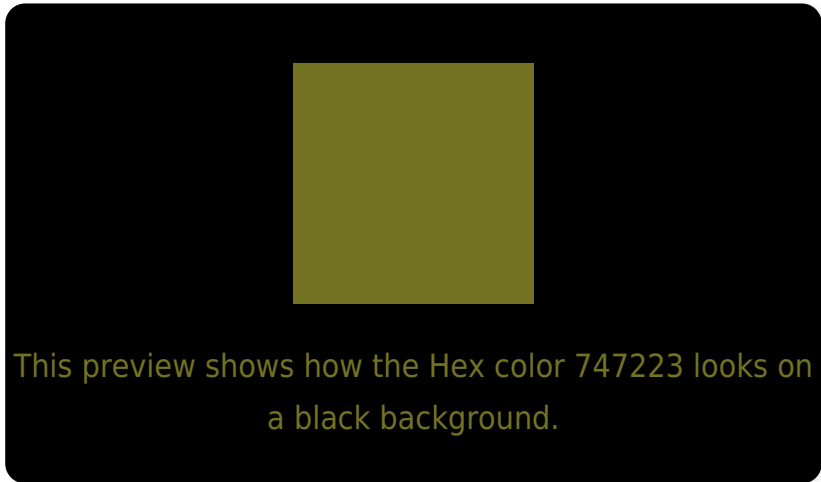
Large Text (above 18pt) WCAG AA ✓ Pass

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

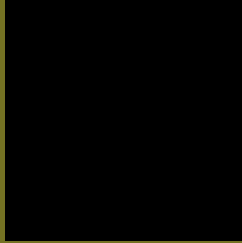
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 747223 Background



This preview shows how black text looks on a background with the Hex color 747223.



This preview shows how white text looks on a background with the Hex color 747223.

# 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**

747223

**Protanopia**

7C6F22

**Deuteranopia**

8B6926



**Tritanopia**  
7B6A73

# Trichromacy



**Original Color**  
747223

**Protanomaly**  
797022

**Deuteranomaly**  
836C25

**Tritanomaly**  
786D56

# Monochromacy



**Original Color**  
747223

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6E6D50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747223 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 #747223 looks like.

```
.text, #text, p{  
    color:#747223  
}
```

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 #747223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747223
}
```

## Border

The CSS property to change the border of an element to Hex 747223 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
#747223 }
```

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

```
.border{ border-color:#747223 }
```

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

Here you see how a box with a 4 pixel #747223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747223; -webkit-box-shadow:4px 4px  
4px 4px #747223; box-shadow:4px 4px 4px  
4px #747223 }
```

# Background

The CSS property to change the background color of an element to Hex 747223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747223 }
```

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

```
.background{ background-color:#747223 }
```

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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