

# Converting Colors

Hex(777224)

Have a look what the booklet for  
Hex(777224) contains.

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**Color**

**Hex(777224)**

# Conversions

## Conversions Part 1

Format	Color
Hex	777224
RGB	119, 114, 36
RGB Percent	47%, 45%, 14%
CMY	0.5333, 0.5529, 0.8588
CMYK	0.00, 0.04, 0.70, 0.53
HSL	56°, 54%, 30%
HSV	56°, 70%, 47%
XYZ	13.9435, 16.0839, 4.0387
YIQ	106.6030, 28.0180, -23.1980

# Conversions

## Conversions Part 2

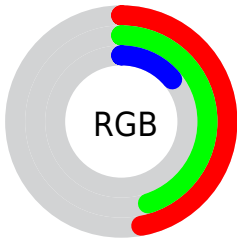
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 119, 36
Decimal	7828004
CIELab	47.08, -8.21, 42.07
CIELCh	47, 42.861, 101.047
Yxy	16.0839, 0.4093, 0.4721
Android (android.graphics.Color)	4286018084 (0xFF777224)
YUV	106.6030, -34.8073, 10.8722
Hunter-Lab	40.1048, -8.1231, 22.1027

# Details

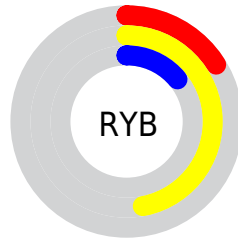
The Hex color **777224** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **242977**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **ADA656**, and **444200** is the 20% darker color. If you saturate the color by 10%, you get **777118**, and if you desaturate by 10%, it is **777330**.

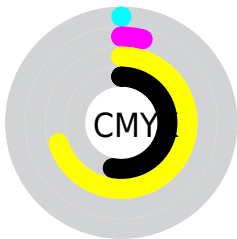
# Distribution



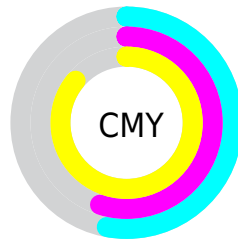
- Red (47%)
- Green (45%)
- Blue (14%)



- Red (16%)
- Yellow (47%)
- Blue (14%)



- Cyan (0%)
- Magenta (4%)
- Yellow (70%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 777224 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 777224 by changing the saturation by 10% instead.





777224



777224

FFFFFF



5D5A08



ADA656



444200



CAC16F



2B2C00



E7DD89



111900



FFF9A4



000000



FFFFC0



FFFFDC



FFFFF9



777224



777224

■ 777118

■ 777330

■ 77710C

■ 77733C

■ 777000

■ 777448

■ 777554

■ 777660

■ 77766B

■ 777777

■ 777883

■ 77788F

# Harmonies

## Analogous

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



96652A



777224



507B37

# Triad

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



777224



00809E



A65388

# Complementary

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



777224



242977

# 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.



8361A6



777224



007AB3

# Square

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



777224



00817C



466FB6



B25064

# Rectangle

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



777224



2B7F4B



466FB6



9D5793



# Sweetspot

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



777224



9C9A7B



77242A



4F4E3B



CFCFCF



4F4F4F



# Same Dimension

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



777224



9C9419



537724



3B3A35



7A7300



FAEB00



# Inverse Universe

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



242977



19219C



482477



35353B



00077A



000FFA



# Previews

## White Background



This preview shows how the Hex color 777224 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

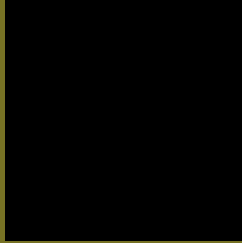
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 777224 Background



This preview shows how black text looks on a background with the Hex color 777224.



This preview shows how white text looks on a background with the Hex color 777224.

# 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**


777224

**Protanopia**

7D7023

**Deuteranopia**

8C6A27



**Tritanopia**  
7E6B73

# Trichromacy



**Original Color**  
777224

**Protanomaly**  
7B7123

**Deuteranomaly**  
846D26

**Tritanomaly**  
7B6E56

# Monochromacy



**Original Color**  
777224

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6F6E51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 777224 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 #777224 looks like.

```
.text, #text, p{  
    color:#777224  
}
```

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 #777224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #777224
}
```

## Border

The CSS property to change the border of an element to Hex 777224 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
#777224 }
```

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

```
.border{ border-color:#777224 }
```

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

Here you see how a box with a 4 pixel #777224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #777224; -webkit-box-shadow:4px 4px  
4px 4px #777224; box-shadow:4px 4px 4px  
4px #777224 }
```

# Background

The CSS property to change the background color of an element to Hex 777224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#777224 }
```

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

```
.background{ background-color:#777224 }
```

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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