

# Converting Colors

Hex(447210)

Have a look what the booklet for  
Hex(447210) contains.

<b>Hex(447210)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(447210)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	447210
RGB	68, 114, 16
RGB Percent	27%, 45%, 6%
CMY	0.7333, 0.5529, 0.9373
CMYK	0.40, 0.00, 0.86, 0.55
HSL	88°, 75%, 25%
HSV	88°, 86%, 45%
XYZ	8.4947, 13.3010, 2.6098
YIQ	89.0740, 4.0420, -40.2300

# Conversions

## Conversions Part 2

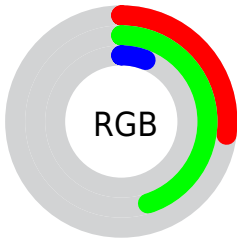
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 114, 62
Decimal	4485648
CIELab	43.21, -31.68, 44.43
CIELCh	43, 54.565, 125.492
Yxy	13.3010, 0.3481, 0.5450
Android (android.graphics.Color)	4282675728 (0xFF447210)
YUV	89.0740, -36.0255, -18.4819
Hunter-Lab	36.4705, -22.2471, 21.2866

# Details

The Hex color **447210** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3E1072**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **79A645**, and **0E4100** is the 20% darker color. If you saturate the color by 10%, you get **3F7205**, and if you desaturate by 10%, it is **49721B**.

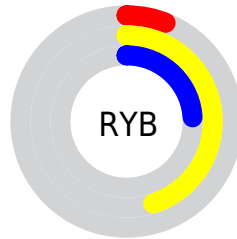
# Distribution



Red (27%)

Green (45%)

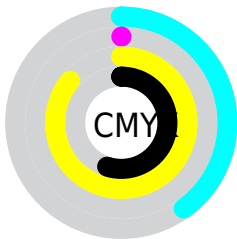
Blue (6%)



Red (6%)

Yellow (45%)

Blue (24%)

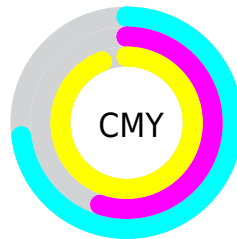


Cyan (40%)

Magenta (0%)

Yellow (86%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 447210 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 447210 by changing the saturation by 10% instead.



 447210

 447210

FFFFFF

 2A5900

 79A645

 0E4100

 94C25F

 002B00

 AFDE79

 001300

 CCFA94

 000000

 E8FFAF

 FFFFCB

 FFFFE7

 447210

 447210

■ 3F7205

■ 49721B

■ 3C7200

■ 4F7227

■ 547232

■ 59723E

■ 5F7249

■ 647254

■ 697260

■ 6F726B

■ 747277

# Harmonies

## Analogous

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



746700



447210



00783E

# Triad

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



447210



0075B8



B53560

# Complementary

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



447210



3E1072

# 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.



A2408C



447210



0069C1

# Square

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



447210



007A9A



7156B0



B04134

# Rectangle

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



447210



007A5E



7156B0



B2376F



# Sweetspot

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



447210



82946D



723E10



3F4A33



C9C9C9



4A4A4A



# Same Dimension

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



447210



4E9400



137210



353832



407800



83F700



# Inverse Universe

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



3E1072



450094



6F1072



353238



380078



7400F7



# Previews

## White Background



This preview shows how the Hex color 447210 looks on a white background.

## Color Contrast Check

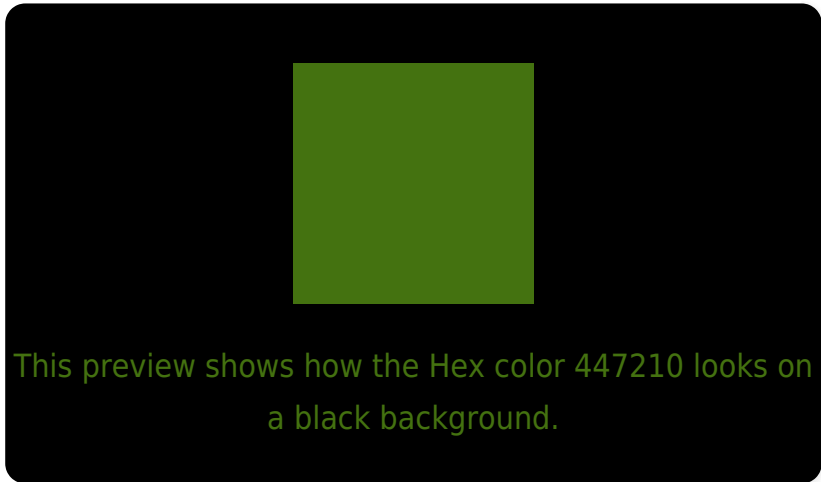
Large Text (above 18pt) WCAG AA ✓ Pass

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 447210 Background



This preview shows how black text looks on a background with the Hex color 447210.



This preview shows how white text looks on a background with the Hex color 447210.

# 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**  
447210

**Protanopia**  
73660C

**Deuteranopia**  
80611B



**Tritanopia**  
516A73

# Trichromacy



**Original Color**  
447210

**Protanomaly**  
626A0D

**Deuteranomaly**  
6A6717

**Tritanomaly**  
4C6D4F

# Monochromacy



**Original Color**  
447210

**Achromatopsia**  
595959

**Achromatomaly**  
51623E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 447210 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 #447210 looks like.

```
.text, #text, p{  
    color:#447210  
}
```

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 #447210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447210
}
```

## Border

The CSS property to change the border of an element to Hex 447210 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
#447210 }
```

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

```
.border{ border-color:#447210 }
```

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

Here you see how a box with a 4 pixel #447210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447210; -webkit-box-shadow:4px 4px  
4px 4px #447210; box-shadow:4px 4px 4px  
4px #447210 }
```

# Background

The CSS property to change the background color of an element to Hex 447210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447210 }
```

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

```
.background{ background-color:#447210 }
```

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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