

# Converting Colors

Hex(437200)

Have a look what the booklet for  
Hex(437200) contains.

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**Color**

**Hex(437200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	437200
RGB	67, 114, 0
RGB Percent	26%, 45%, 0%
CMY	0.7373, 0.5529, 1.0000
CMYK	0.41, 0.00, 1.00, 0.55
HSL	85°, 100%, 22%
HSV	85°, 100%, 45%
XYZ	8.3321, 13.2279, 2.1141
YIQ	86.9510, 8.5820, -45.4180

# Conversions

## Conversions Part 2

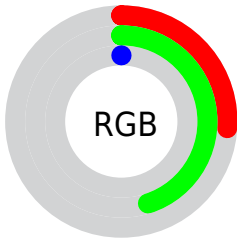
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 114, 47
Decimal	4420096
CIELab	43.10, -32.65, 48.15
CIELCh	43, 58.175, 124.140
Yxy	13.2279, 0.3519, 0.5588
Android (android.graphics.Color)	4282610176 (0xFF437200)
YUV	86.9510, -42.8668, -17.4970
Hunter-Lab	36.3702, -22.7553, 22.0128

# Details

The Hex color **437200** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2F0072**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **78A63D**, and **0A4100** is the 20% darker color. If you saturate the color by 10%, you get **437200**, and if you desaturate by 10%, it is **48720B**.

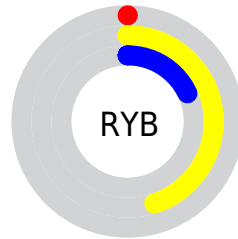
# Distribution



Red (26%)

Green (45%)

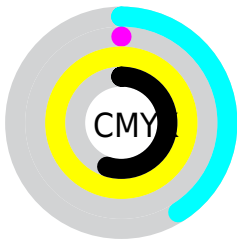
Blue (0%)



Red (0%)

Yellow (45%)

Blue (18%)

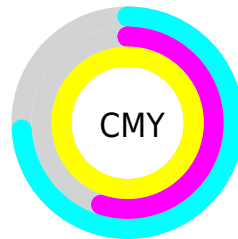


Cyan (41%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (74%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 437200 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 437200 by changing the saturation by 10% instead.



 437200

 437200

 FFFFFC

 285900

 78A63D

 0A4100

 93C257

 002B00

 AFDE71

 001300

 CBFA8B

 000000

 E8FFA7


 FFFFC3

 FFFFDF

 437200

 48720B

 4C7217

 517222

 56722E

 5A7239

 5F7244

 647250

 69725B

 6D7267

# Harmonies

## Analogous

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



756600



437200



007939

# Triad

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



437200



0076BD



B92F61

# Complementary

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



437200



2F0072

# 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.



A43D91



437200



006AC7

# Square

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



437200



007B9B



6D56B6



B43C33

# Rectangle

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



437200



007B5A



6D56B6



B53071



# Sweetspot

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



437200



829468



722E00



3F4A2F



C9C9C9



4A4A4A



# Same Dimension

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



437200



579400



0B7200



363832



467800



91F700



# Inverse Universe

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



2F0072



3D0094



670072



353238



310078



6600F7



# Previews

## White Background



This preview shows how the Hex color 437200 looks on a white background.

## Color Contrast Check

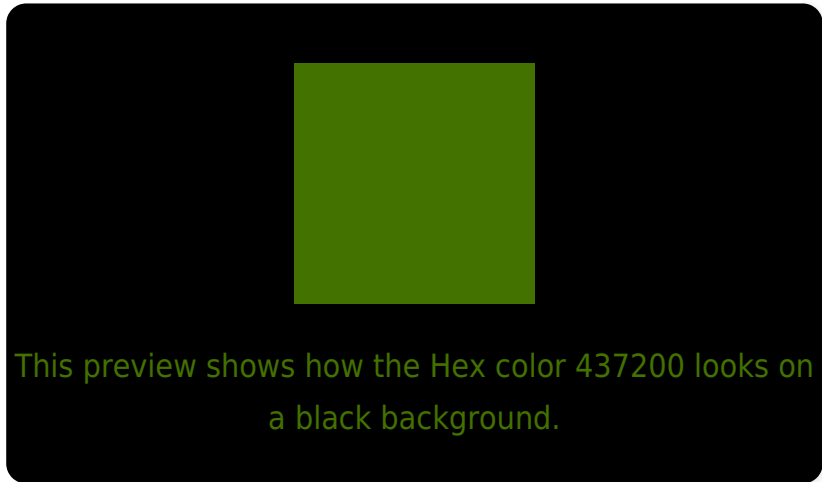
Large Text (above 18pt) WCAG AA ✓ Pass

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 437200 Background



This preview shows how black text looks on a background with the Hex color 437200.



This preview shows how white text looks on a background with the Hex color 437200.

# 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**  
437200

**Protanopia**  
736600

**Deuteranopia**  
806017



**Tritanopia**  
506A72

# Trichromacy



**Original Color**  
437200

**Protanomaly**  
626A00

**Deuteranomaly**  
6A670F

**Tritanomaly**  
4B6D49

# Monochromacy



**Original Color**  
437200

**Achromatopsia**  
575757

**Achromatomaly**  
506137

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 437200 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 #437200 looks like.

```
.text, #text, p{  
    color:#437200  
}
```

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 #437200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437200
}
```

## Border

The CSS property to change the border of an element to Hex 437200 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".

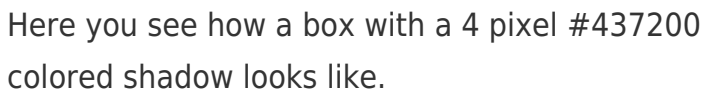
```
.border, #border, table{ border:4px solid
#437200 }
```

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

```
.border{ border-color:#437200 }
```

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

Here you see how a box with a 4 pixel #437200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437200; -webkit-box-shadow:4px 4px  
4px 4px #437200; box-shadow:4px 4px 4px  
4px #437200 }
```

# Background

The CSS property to change the background color of an element to Hex 437200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437200 }
```

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

```
.background{ background-color:#437200 }
```

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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