

# Converting Colors

Hex(457522)

Have a look what the booklet for  
Hex(457522) contains.

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# Color

Hex(457522)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	457522
RGB	69, 117, 34
RGB Percent	27%, 46%, 13%
CMY	0.7294, 0.5412, 0.8667
CMYK	0.41, 0.00, 0.71, 0.54
HSL	95°, 55%, 30%
HSV	95°, 71%, 46%
XYZ	9.1043, 14.1033, 3.7557
YIQ	93.1860, -1.9650, -35.9890

# Conversions

## Conversions Part 2

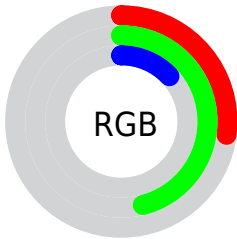
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 117, 82
Decimal	4551970
CIE <sub>Lab</sub>	44.38, -31.49, 39.00
CIE <sub>LCh</sub>	44, 50.125, 128.917
Yxy	14.1033, 0.3377, 0.5231
Android (android.graphics.Color)	4282742050 (0xFF457522)
YUV	93.1860, -29.1787, -21.2111
Hunter-Lab	37.5543, -22.4465, 20.3586

# Details

The Hex color **457522** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **522275**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **79AA53**, and **114400** is the 20% darker color. If you saturate the color by 10%, you get **3E7516**, and if you desaturate by 10%, it is **4C752E**.

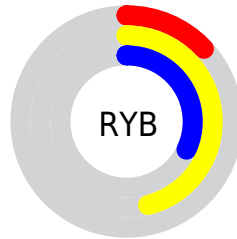
# Distribution



Red (27%)

Green (46%)

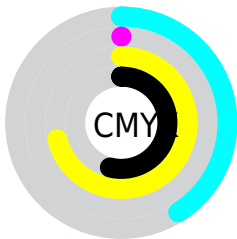
Blue (13%)



Red (13%)

Yellow (46%)

Blue (32%)

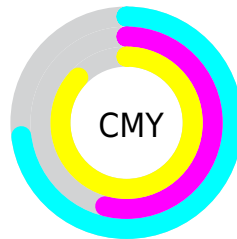


Cyan (41%)

Magenta (0%)

Yellow (71%)

Black (54%)



Cyan (73%)

Magenta (54%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 457522 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 457522 by changing the saturation by 10% instead.





457522



457522

FFFFFF



2B5C06



79AA53



114400



94C56D



002D00



B0E187



001800



CCFEA2



000000



E8FFBD



FFFFD9



FFFFF6



457522



457522

■ 3E7516

■ 4C752E

■ 37750B

■ 537539

■ 317500

■ 597545

■ 607551

■ 67755D

■ 6E7568

■ 747574

■ 7B7580

■ 82758B

# Harmonies

## Analogous

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



726B05



457522



007B49

# Triad

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



457522



0075B7



B4405E

# Complementary

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



457522



522275

# 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.



A44688



457522



1C6ABC

# Square

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



457522



007B9C



7A58AA



AD4A37

# Rectangle

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



457522



007C66



7A58AA



B1406C



# Sweetspot

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



457522



869979



755122



414D39



CCCCCC



4D4D4D



# Same Dimension

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



457522



4E9917



227528



373B35



347A00



69FA00



# Inverse Universe

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



522275



621799



75226F



38353B



47007A



9100FA



# Previews

## White Background



This preview shows how the Hex color 457522 looks on a white background.

## Color Contrast Check

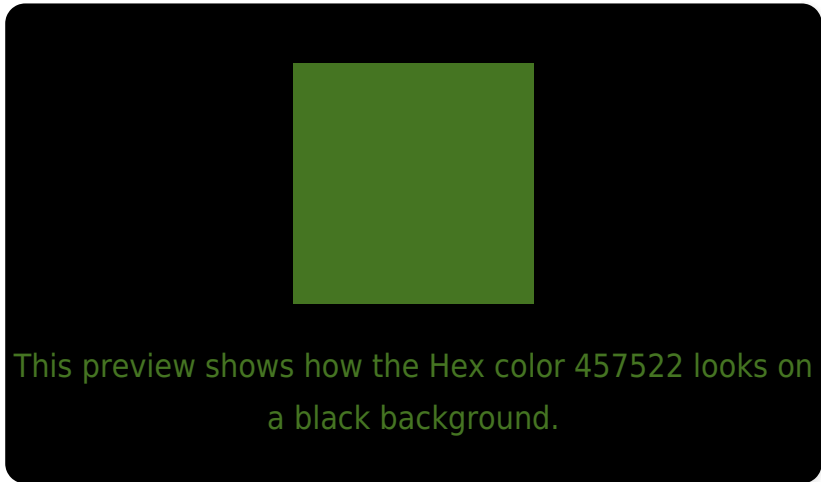
Large Text (above 18pt) WCAG AA ✓ Pass

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

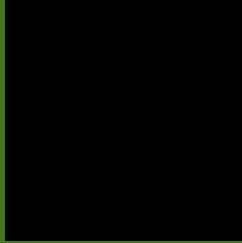
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 457522 Background



This preview shows how black text looks on a background with the Hex color 457522.



This preview shows how white text looks on a background with the Hex color 457522.

# 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**  
457522

**Protanopia**  
75691F

**Deuteranopia**  
826328



**Tritanopia**  
526D76

# Trichromacy



**Original Color**  
457522

**Protanomaly**  
646D20

**Deuteranomaly**  
6C6A26

**Tritanomaly**  
4D7057

# Monochromacy



**Original Color**  
457522

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
546648

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 457522 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 #457522 looks like.

```
.text, #text, p{  
    color:#457522  
}
```

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 #457522 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457522
}
```

## Border

The CSS property to change the border of an element to Hex 457522 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".

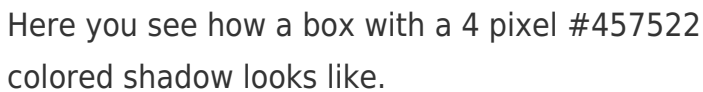
```
.border, #border, table{ border:4px solid
#457522 }
```

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

```
.border{ border-color:#457522 }
```

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

Here you see how a box with a 4 pixel #457522 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457522; -webkit-box-shadow:4px 4px  
4px 4px #457522; box-shadow:4px 4px 4px  
4px #457522 }
```

# Background

The CSS property to change the background color of an element to Hex 457522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457522 }
```

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

```
.background{ background-color:#457522 }
```

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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