

# Converting Colors

Hex(3C7522)

Have a look what the booklet for  
Hex(3C7522) contains.

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**Color**

**Hex(3C7522)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C7522
RGB	60, 117, 34
RGB Percent	24%, 46%, 13%
CMY	0.7647, 0.5412, 0.8667
CMYK	0.49, 0.00, 0.71, 0.54
HSL	101°, 55%, 30%
HSV	101°, 71%, 46%
XYZ	8.5135, 13.7987, 3.7281
YIQ	90.4950, -7.3290, -37.8970

# Conversions

## Conversions Part 2

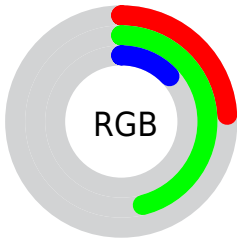
Format	Color
<b>RYB</b>	34, 117, 91
Decimal	3962146
CIELab	43.94, -34.66, 38.41
CIELCh	44, 51.734, 132.066
Yxy	13.7987, 0.3269, 0.5299
Android (android.graphics.Color)	4282152226 (0xFF3C7522)
YUV	90.4950, -27.8520, -26.7441
Hunter-Lab	37.1466, -24.0969, 20.0522

# Details

The Hex color **3C7522** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5B2275**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **71AA53**, and **014400** is the 20% darker color. If you saturate the color by 10%, you get **347516**, and if you desaturate by 10%, it is **44752E**.

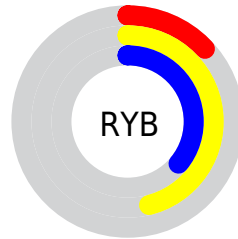
# Distribution



 Red (24%)

 Green (46%)

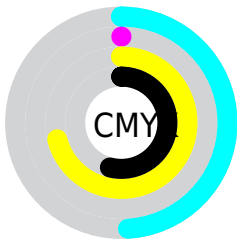
 Blue (13%)




 Red (13%)

 Yellow (46%)

 Blue (36%)

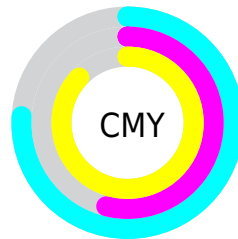


 Cyan (49%)


 Magenta (0%)

 Yellow (71%)

 Black (54%)



 Cyan (76%)

 Magenta (54%)

 Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C7522 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 3C7522 by changing the saturation by 10% instead.





3C7522



3C7522

FFFFFF



215C06



71AA53



014400



8BC56D



002D00



A7E187



001600



C3FEA2



000000



E0FFBD



FDFFD9



FFFFFF6



3C7522



3C7522

■ 347516

■ 44752E

■ 2C750B

■ 4C7539

■ 257500

■ 547545

■ 5C7551

■ 64755D

■ 6C7568

■ 747574

■ 7C7580

■ 84758B

# Harmonies

## Analogous

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



6D6B00



3C7522



007A4C

# Triad

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



3C7522



0074BA



B53D58

# Complementary

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



3C7522



5B2275

# 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.



A84283



3C7522



2867BC

# Square

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



3C7522



007AA1



8054A8



AC4A30

# Rectangle

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



3C7522



007C6A



8054A8



B33C67



# Sweetspot

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



3C7522



839979



755B22



3F4D39



CCCCCC



4D4D4D



# Same Dimension

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



3C7522



409917



227531



373B35



267A00



4EFA00



# Inverse Universe

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



5B2275



701799



752266



39353B



54007A



AC00FA



# Previews

## White Background



This preview shows how the Hex color 3C7522 looks on a white background.

## Color Contrast Check

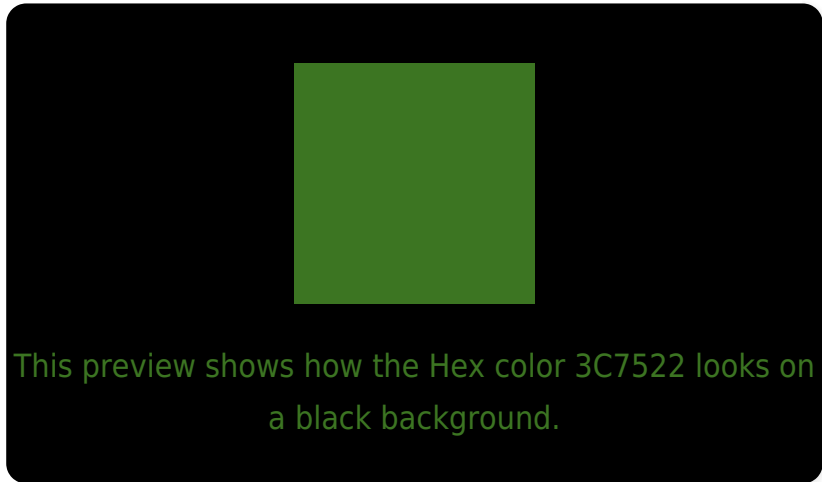
Large Text (above 18pt) WCAG AA ✓ Pass

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

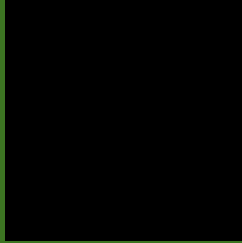
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C7522 Background



This preview shows how black text looks on a background with the Hex color 3C7522.



This preview shows how white text looks on a background with the Hex color 3C7522.

# 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**  
3C7522

**Protanopia**  
74681E

**Deuteranopia**  
816229



**Tritanopia**  
4B6D76

# Trichromacy



**Original Color**  
3C7522

**Protanomaly**  
606D1F

**Deuteranomaly**  
686926

**Tritanomaly**  
467057

# Monochromacy



**Original Color**  
3C7522

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
4F6446

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C7522 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 #3C7522 looks like.

```
.text, #text, p{  
    color:#3C7522  
}
```

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 #3C7522 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7522
}
```

## Border

The CSS property to change the border of an element to Hex 3C7522 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".

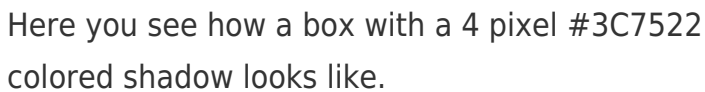
```
.border, #border, table{ border:4px solid
#3C7522 }
```

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

```
.border{ border-color:#3C7522 }
```

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

Here you see how a box with a 4 pixel #3C7522 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7522; -webkit-box-shadow:4px 4px  
4px 4px #3C7522; box-shadow:4px 4px 4px  
4px #3C7522 }
```

# Background

The CSS property to change the background color of an element to Hex 3C7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7522 }
```

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

```
.background{ background-color:#3C7522 }
```

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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