

# Converting Colors

Hex(73642B)

Have a look what the booklet for  
Hex(73642B) contains.

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**Color**

**Hex(73642B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73642B
RGB	115, 100, 43
RGB Percent	45%, 39%, 17%
CMY	0.5490, 0.6078, 0.8314
CMYK	0.00, 0.13, 0.63, 0.55
HSL	48°, 46%, 31%
HSV	48°, 63%, 45%
XYZ	12.0634, 12.9336, 4.1461
YIQ	97.9870, 27.2370, -14.5470

# Conversions

## Conversions Part 2

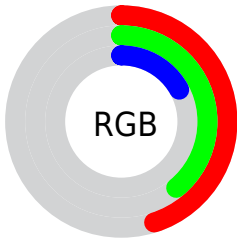
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 115, 43
Decimal	7562283
CIELab	42.66, -1.58, 33.86
CIELCh	43, 33.894, 92.678
Yxy	12.9336, 0.4139, 0.4438
Android (android.graphics.Color)	4285752363 (0xFF73642B)
YUV	97.9870, -27.1086, 14.9204
Hunter-Lab	35.9633, -3.0602, 18.3389

# Details

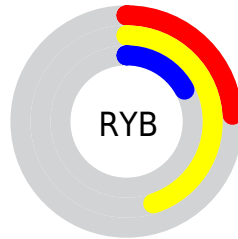
The Hex color **73642B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2B3A73**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A9975B**, and **413600** is the 20% darker color. If you saturate the color by 10%, you get **736220**, and if you desaturate by 10%, it is **736637**.

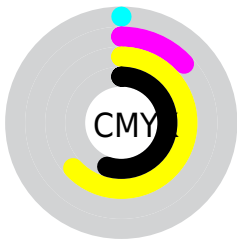
# Distribution



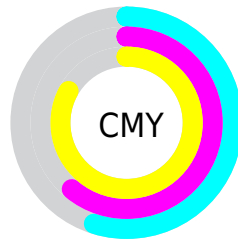
- Red (45%)
- Green (39%)
- Blue (17%)



- Red (24%)
- Yellow (45%)
- Blue (17%)



- Cyan (0%)
- Magenta (13%)
- Yellow (63%)
- Black (55%)



- Cyan (55%)
- Magenta (61%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73642B 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 73642B by changing the saturation by 10% instead.



 73642B

 73642B

FFFFFF

 594C14

 A9975B

 413600

 C5B174

 282100

 E1CD8E

 0B0B00

 FFE9A9

 000000

 FFFFC4

 FFFFEO

 FFFFFD

 73642B

 73642B

■ 736220

■ 736637

■ 735F14

■ 736942

■ 735D09

■ 736B4E

■ 735B00

■ 736E59

■ 737065

■ 737270

■ 73757C

■ 737787

■ 737A93

# Harmonies

## Analogous

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



8A5A33



73642B



566C34

# Triad

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



73642B



007282



89527F

# Complementary

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



73642B



2B3A73

# 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.



6A5C94



73642B



006E96

# Square

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



73642B



007366



38679C



984D63

# Rectangle

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



73642B



3F7042



38679C



815587



# Sweetspot

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



73642B



96907A



732B3B



4D493B



CCCCCC



4D4D4D



# Same Dimension

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



73642B



967F26



5F732B



3B3935



7A6100



FAC600



# Inverse Universe

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



2B3A73



263D96



3F2B73



35363B



001A7A



0034FA



# Previews

## White Background



This preview shows how the Hex color 73642B looks on a white background.

## Color Contrast Check

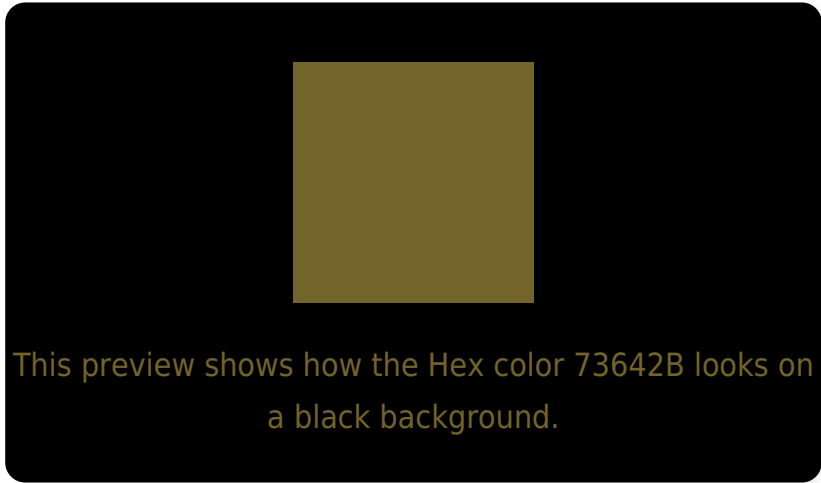
Large Text (above 18pt) WCAG AA ✓ Pass

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

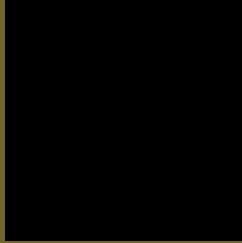
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73642B Background



This preview shows how black text looks on a background with the Hex color 73642B.



This preview shows how white text looks on a background with the Hex color 73642B.

# 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**  
73642B

**Protanopia**  
70652B

**Deuteranopia**  
7D602C



**Tritanopia**  
785E65

# Trichromacy



**Original Color**  
73642B

**Protanomaly**  
71652B

**Deuteranomaly**  
79612C

**Tritanomaly**  
766050

# Monochromacy



**Original Color**  
73642B

**Achromatopsia**  
626262

**Achromatomaly**  
68634E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73642B 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 #73642B looks like.

```
.text, #text, p{  
    color:#73642B  
}
```

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 #73642B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73642B
}
```

## Border

The CSS property to change the border of an element to Hex 73642B 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
#73642B }
```

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

```
.border{ border-color:#73642B }
```

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

Here you see how a box with a 4 pixel #73642B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73642B; -webkit-box-shadow:4px 4px  
4px 4px #73642B; box-shadow:4px 4px 4px  
4px #73642B }
```

# Background

The CSS property to change the background color of an element to Hex 73642B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73642B }
```

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

```
.background{ background-color:#73642B }
```

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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