

# Converting Colors

Hex(64452C)

Have a look what the booklet for  
Hex(64452C) contains.

<b>Hex(64452C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(64452C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64452C
RGB	100, 69, 44
RGB Percent	39%, 27%, 17%
CMY	0.6078, 0.7294, 0.8275
CMYK	0.00, 0.31, 0.56, 0.61
HSL	27°, 39%, 28%
HSV	27°, 56%, 39%
XYZ	7.8383, 7.1474, 3.3493
YIQ	75.4190, 26.5010, -1.2030

# Conversions

## Conversions Part 2

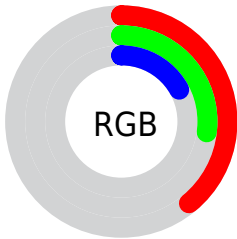
Format	Color
<a href="#">RYB</a>	<a href="#">100, 89, 44</a>
Decimal	<a href="#">6571308</a>
CIELab	<a href="#">32.14, 10.14, 20.33</a>
CIELCh	<a href="#">32, 22.720, 63.507</a>
Yxy	<a href="#">7.1474, 0.4275, 0.3898</a>
Android (android.graphics.Color)	<a href="#">4284761388 (0xFF64452C)</a>
YUV	<a href="#">75.4190, -15.4896, 21.5575</a>
Hunter-Lab	<a href="#">26.7347, 5.5484, 11.2864</a>

# Details

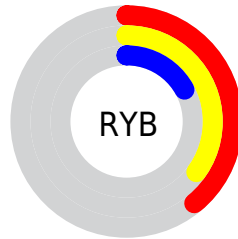
The Hex color **64452C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C4B64**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **99755A**, and **341A00** is the 20% darker color. If you saturate the color by 10%, you get **643F22**, and if you desaturate by 10%, it is **644B36**.

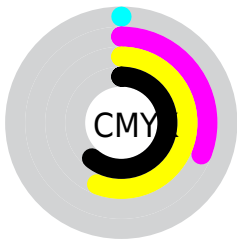
# Distribution



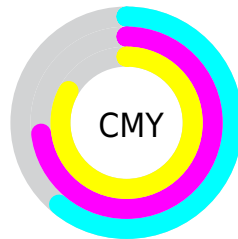
- Red (39%)
- Green (27%)
- Blue (17%)



- Red (39%)
- Yellow (35%)
- Blue (17%)



- Cyan (0%)
- Magenta (31%)
- Yellow (56%)
- Black (61%)



- Cyan (61%)
- Magenta (73%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64452C 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 64452C by changing the saturation by 10% instead.





64452C



64452C

FFFFFF



4B2F17



99755A



341A00



B48F73



1C0000



D0A98C



000000



EDC5A7



FFE1C2



FFFDDE



FFFFFFB



64452C



64452C

■ 643F22

■ 644B36

■ 643A18

■ 645040

■ 64340E

■ 64564A

■ 642F04

■ 645B54

■ 642D00

■ 64615E

■ 646668

■ 646C72

■ 64717C

■ 647786

# Harmonies

## Analogous

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



6D4039



64452C



554B27

# Triad

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



64452C



0F554D



504669

# Complementary

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



64452C



2C4B64

# 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.



344D6F



64452C



00545F

# Square

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



64452C



2C543B



0F526B



64405C

# Rectangle

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



64452C



494F2A



0F526B



48486C



# Sweetspot

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



64452C



82766C



642C4C



423B35



C2C2C2



424242



# Same Dimension

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



64452C



82522B



64602C



33302E



733300



F26C00



# Inverse Universe

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



2C4B64



2B5B82



2C3064



2E3133



004073



0086F2



# Previews

## White Background



This preview shows how the Hex color 64452C looks on a white background.

## Color Contrast Check

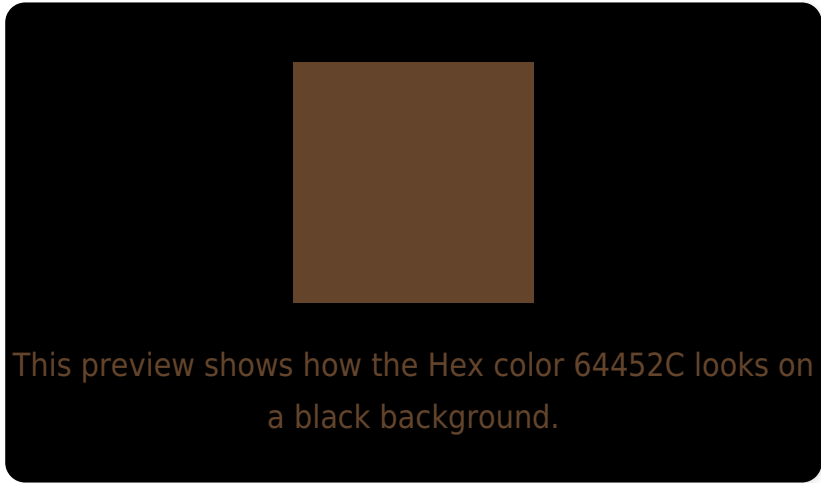
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64452C Background



This preview shows how black text looks on a background with the Hex color 64452C.

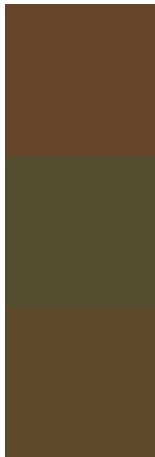


This preview shows how white text looks on a background with the Hex color 64452C.

# 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**  
64452C

**Protanopia**  
534C2F

**Deuteranopia**  
5D482B



**Tritanopia**  
664247

# Trichromacy



**Original Color**  
64452C

**Protanomaly**  
59492E

**Deuteranomaly**  
60472B

**Tritanomaly**  
65433D

# Monochromacy



**Original Color**  
64452C

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
544940

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64452C 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 #64452C looks like.

```
.text, #text, p{  
    color:#64452C  
}
```

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 #64452C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64452C
}
```

## Border

The CSS property to change the border of an element to Hex 64452C is called "border". The border property can be set on classes, ids or directly on the HTML element.

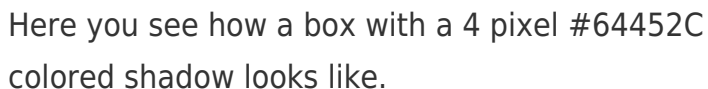
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64452C }
```

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

```
.border{ border-color:#64452C }
```

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



Here you see how a box with a 4 pixel #64452C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64452C; -webkit-box-shadow:4px 4px  
4px 4px #64452C; box-shadow:4px 4px 4px  
4px #64452C }
```

# Background

The CSS property to change the background color of an element to Hex 64452C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64452C }
```

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

```
.background{ background-color:#64452C }
```

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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