

# Converting Colors

Hex(65493D)

Have a look what the booklet for  
Hex(65493D) contains.

<b>Hex(65493D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(65493D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65493D
RGB	101, 73, 61
RGB Percent	40%, 29%, 24%
CMY	0.6039, 0.7137, 0.7608
CMYK	0.00, 0.28, 0.40, 0.60
HSL	18°, 25%, 32%
HSV	18°, 40%, 40%
XYZ	8.5917, 7.8687, 5.4809
YIQ	80.0040, 20.5400, 2.2040

# Conversions

## Conversions Part 2

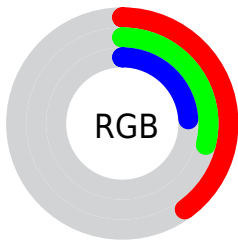
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 78, 61
Decimal	6637885
CIE <sub>Lab</sub>	33.71, 10.14, 11.86
CIE <sub>LCh</sub>	34, 15.601, 49.469
Yxy	7.8687, 0.3916, 0.3586
Android (android.graphics.Color)	4284827965 (0xFF65493D)
YUV	80.0040, -9.3690, 18.4135
Hunter-Lab	28.0512, 5.5823, 8.0513

# Details

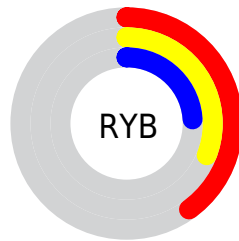
The Hex color **65493D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3D5965**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **997A6C**, and **351D13** is the 20% darker color. If you saturate the color by 10%, you get **654233**, and if you desaturate by 10%, it is **655047**.

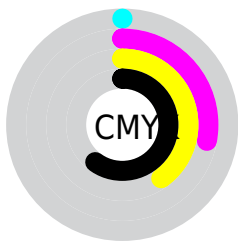
# Distribution



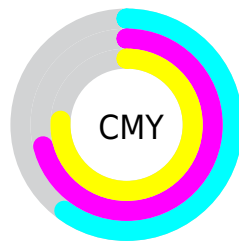
- Red (40%)
- Green (29%)
- Blue (24%)



- Red (40%)
- Yellow (31%)
- Blue (24%)



- Cyan (0%)
- Magenta (28%)
- Yellow (40%)
- Black (60%)



- Cyan (60%)
- Magenta (71%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65493D 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 65493D by changing the saturation by 10% instead.



65493D

65493D

FFFFFF

4C3227

997A6C

351D13

B49386

200500

D0AEA0

000000

EDC9BB

FFE6D7

FFFFF3

65493D

65493D

654233

655047

 653B29

 655751

 65341F

 655E5B

 652D15

 656565

 65260B

 656C70

 651F00

 65737A

 651E00

 657A84

 65828E

 658998

# Harmonies

## Analogous

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



684648



65493D



5C4D37

# Triad

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



65493D



34564A



4B4E66

# Complementary

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



65493D



3D5965

# 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.



3A5267



65493D



2B5657

# Square

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



65493D



42543F



2C5562



5B495F

# Rectangle

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



65493D



545037



2C5562



454F67



# Sweetspot

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



65493D



827772



653D59



423C39



C2C2C2



424242



# Same Dimension

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



65493D



825644



655C3D



332F2E



732200



F24900



# Inverse Universe

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



3D5965



446F82



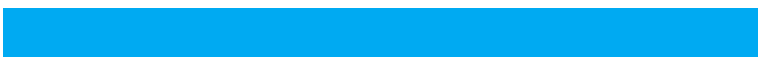
3D4565



2E3133



005073



00AAF2



# Previews

## White Background



This preview shows how the Hex color 65493D looks on a white background.

## Color Contrast Check

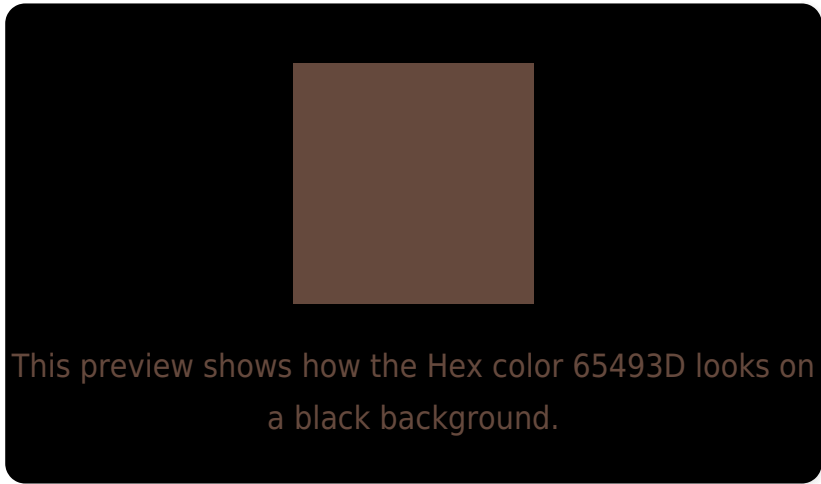
Large Text (above 18pt) WCAG AA ✓ Pass

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 65493D Background



This preview shows how black text looks on a background with the Hex color 65493D.

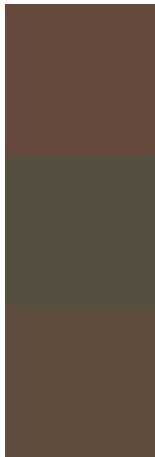


This preview shows how white text looks on a background with the Hex color 65493D.

# 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**  
65493D

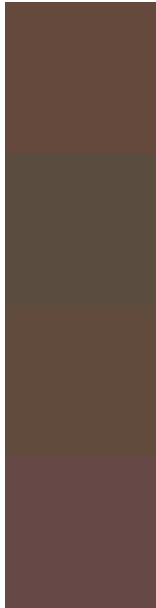
**Protanopia**  
544F40

**Deuteranopia**  
5E4C3C



**Tritanopia**  
66474C

# Trichromacy



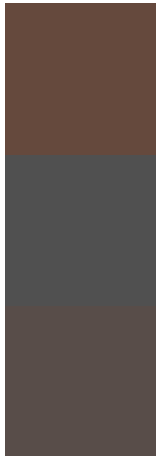
**Original Color**  
65493D

**Protanomaly**  
5A4D3F

**Deuteranomaly**  
614B3C

**Tritanomaly**  
664847

# Monochromacy



**Original Color**  
65493D

**Achromatopsia**  
505050

**Achromatomaly**  
584D49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65493D 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 #65493D looks like.

```
.text, #text, p{  
    color:#65493D  
}
```

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 #65493D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65493D
}
```

## Border

The CSS property to change the border of an element to Hex 65493D is called "border". The border property can be set on classes, ids or directly on the HTML element.

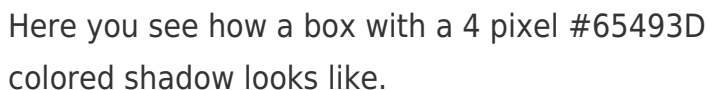
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65493D }
```

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

```
.border{ border-color:#65493D }
```

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



Here you see how a box with a 4 pixel #65493D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65493D; -webkit-box-shadow:4px 4px  
4px 4px #65493D; box-shadow:4px 4px 4px  
4px #65493D }
```

# Background

The CSS property to change the background color of an element to Hex 65493D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65493D }
```

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

```
.background{ background-color:#65493D }
```

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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