

# Converting Colors

Hex(80652D)

Have a look what the booklet for  
Hex(80652D) contains.

<b>Hex(80652D)</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(80652D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80652D
RGB	128, 101, 45
RGB Percent	50%, 40%, 18%
CMY	0.4980, 0.6039, 0.8235
CMYK	0.00, 0.21, 0.65, 0.50
HSL	40°, 48%, 34%
HSV	40°, 65%, 50%
XYZ	14.0294, 14.0860, 4.4621
YIQ	102.6890, 34.0680, -11.6920

# Conversions

## Conversions Part 2

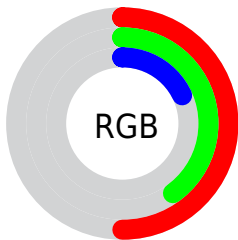
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">85, 128, 45</a>
Decimal	<a href="#">8414509</a>
CIELab	<a href="#">44.36, 4.09, 35.11</a>
CIELCh	<a href="#">44, 35.346, 83.359</a>
Yxy	<a href="#">14.0860, 0.4306, 0.4324</a>
Android (android.graphics.Color)	<a href="#">4286604589</a> ( <a href="#">0xFF80652D</a> )
YUV	<a href="#">102.6890, -28.4407, 22.1977</a>
Hunter-Lab	<a href="#">37.5313, 1.0444, 19.2230</a>

# Details

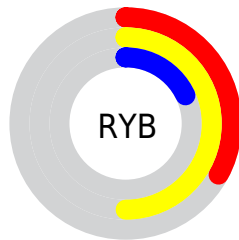
The Hex color **80652D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2D4880**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B7985D**, and **4C3700** is the 20% darker color. If you saturate the color by 10%, you get **806120**, and if you desaturate by 10%, it is **80693A**.

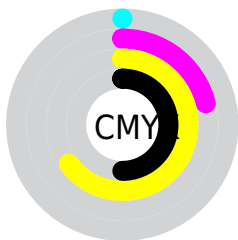
# Distribution



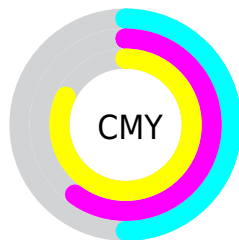
- Red (50%)
- Green (40%)
- Blue (18%)



- Red (33%)
- Yellow (50%)
- Blue (18%)



- Cyan (0%)
- Magenta (21%)
- Yellow (65%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80652D 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 80652D by changing the saturation by 10% instead.



 80652D

 80652D

FFFFFF

 654D16

 B7985D

 4C3700

 D4B276

 332100

 F1CE90

 1B0C00

 FFEAAB

 000000

 FFFFC7

 FFFF E3

 80652D

 80652D

 806120

 80693A

■ 805D13

■ 806D47

■ 805907

■ 807153

■ 805600

■ 807660

■ 807A6D

■ 807E7A

■ 808287

■ 808693

■ 808AA0

# Harmonies

## Analogous

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



955A3B



80652D



636E31

# Triad

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



80652D



00787F



87588C

# Complementary

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



80652D



2D4880

# 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.



61649F



80652D



007597

# Square

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



80652D



007761



206EA3



9C5171

# Rectangle

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



80652D



4D733D



206EA3



7C5C94



# Sweetspot

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



80652D



A69C86



802D49



544E41



D4D4D4



545454



# Same Dimension

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



80652D



A67C24



72802D



403E39



805600



000000



# Inverse Universe

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



2D4880



244FA6



3B2D80



393B40



002980



000000



# Previews

## White Background



This preview shows how the Hex color 80652D looks on a white background.

## Color Contrast Check

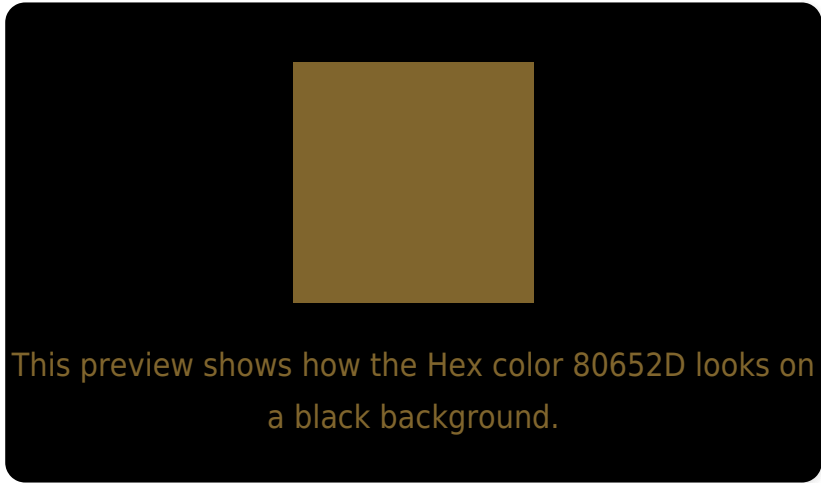
Large Text (above 18pt) WCAG AA ✓ Pass

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 80652D Background



This preview shows how black text looks on a background with the Hex color 80652D.



This preview shows how white text looks on a background with the Hex color 80652D.

# 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**  
80652D

**Protanopia**  
75692E

**Deuteranopia**  
82642D



**Tritanopia**  
845F66

# Trichromacy



**Original Color**  
80652D

**Protanomaly**  
79682E

**Deuteranomaly**  
81642D

**Tritanomaly**  
836151

# Monochromacy



**Original Color**  
80652D

**Achromatopsia**  
676767

**Achromatomaly**  
706652

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80652D 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 #80652D looks like.

```
.text, #text, p{  
    color:#80652D  
}
```

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 #80652D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80652D
}
```

## Border

The CSS property to change the border of an element to Hex 80652D 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
#80652D }
```

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

```
.border{ border-color:#80652D }
```

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

Here you see how a box with a 4 pixel #80652D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80652D; -webkit-box-shadow:4px 4px  
4px 4px #80652D; box-shadow:4px 4px 4px  
4px #80652D }
```

# Background

The CSS property to change the background color of an element to Hex 80652D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80652D }
```

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

```
.background{ background-color:#80652D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor