

# Converting Colors

Hex(69672E)

Have a look what the booklet for  
Hex(69672E) contains.

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# Color

Hex(69672E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69672E
RGB	105, 103, 46
RGB Percent	41%, 40%, 18%
CMY	0.5882, 0.5961, 0.8196
CMYK	0.00, 0.02, 0.56, 0.59
HSL	58°, 39%, 30%
HSV	58°, 56%, 41%
XYZ	11.1691, 12.9010, 4.4862
YIQ	97.1000, 19.4890, -17.3030

# Conversions

## Conversions Part 2

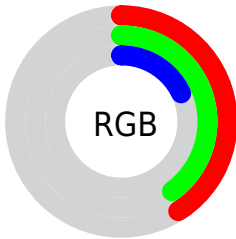
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 105, 46
Decimal	6907694
CIE <sub>Lab</sub>	42.61, -7.74, 31.98
CIE <sub>LCh</sub>	43, 32.904, 103.607
Yxy	12.9010, 0.3911, 0.4518
Android (android.graphics.Color)	4285097774 (0xFF69672E)
YUV	97.1000, -25.1923, 6.9283
Hunter-Lab	35.9180, -7.3499, 17.7371

# Details

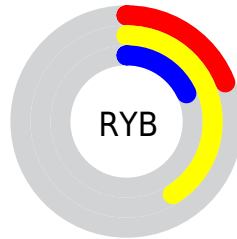
The Hex color **69672E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2E3069**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9E9A5E**, and **383800** is the 20% darker color. If you saturate the color by 10%, you get **696724**, and if you desaturate by 10%, it is **696739**.

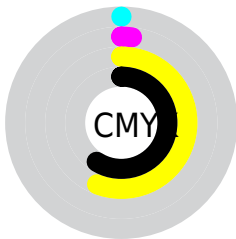
# Distribution



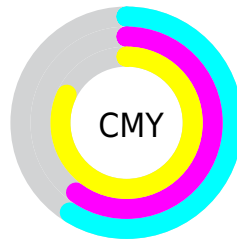
- Red (41%)
- Green (40%)
- Blue (18%)



- Red (19%)
- Yellow (41%)
- Blue (18%)



- Cyan (0%)
- Magenta (2%)
- Yellow (56%)
- Black (59%)



- Cyan (59%)
- Magenta (60%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69672E 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 69672E by changing the saturation by 10% instead.



 69672E

 69672E

FFFFFF

 504F17

 9E9A5E

 383800

 B9B577

 212300

 D5D091

 000F00

 F2ECAC

 000000

 FFFFC8

 FFFFE4

 69672E

 69672E

 696724

 696739

■ 696619

■ 696843

■ 69660E

■ 69684E

■ 696604

■ 696858

■ 696500

■ 696962

■ 69696D

■ 696977

■ 696A82

■ 696A8D

# Harmonies

## Analogous

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



825E30



69672E



4B6E3C

# Triad

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



69672E



007189



8F5075

# Complementary

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



69672E



2E3069

# 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.



77598C



69672E



006C98

# Square

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



69672E



007370



4E6399



984E59

# Rectangle

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



69672E



32714B



4E6399



89527D



# Sweetspot

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



69672E



8A8972



692E31



454437



C4C4C4



454545



# Same Dimension

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



69672E



8A872D



4E692E



363530



757100



F5ED00



# Inverse Universe

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



2E3069



2D318A



492E69



303036



000475



0008F5



# Previews

## White Background



This preview shows how the Hex color 69672E looks on a white background.

## Color Contrast Check

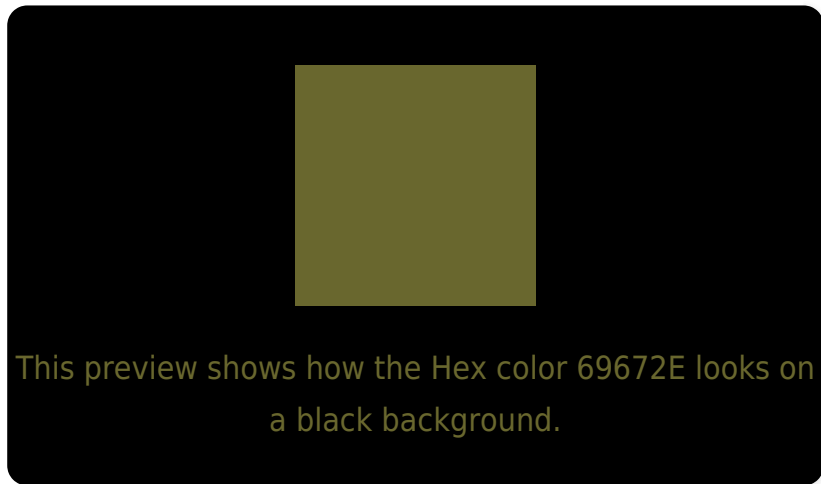
Large Text (above 18pt) WCAG AA ✓ Pass

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

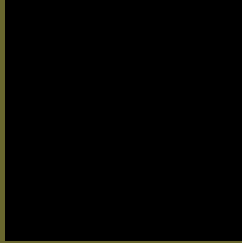
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 69672E Background



This preview shows how black text looks on a background with the Hex color 69672E.



This preview shows how white text looks on a background with the Hex color 69672E.

# 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**  
69672E

**Protanopia**  
70652D

**Deuteranopia**  
7C6030



**Tritanopia**  
6F6168

# Trichromacy



**Original Color**  
69672E

**Protanomaly**  
6D662D

**Deuteranomaly**  
75632F

**Tritanomaly**  
6D6353

# Monochromacy



**Original Color**  
69672E

**Achromatopsia**  
616161

**Achromatomaly**  
64634E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69672E 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 #69672E looks like.

```
.text, #text, p{  
    color:#69672E  
}
```

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 #69672E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69672E
}
```

## Border

The CSS property to change the border of an element to Hex 69672E 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
#69672E }
```

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

```
.border{ border-color:#69672E }
```

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

Here you see how a box with a 4 pixel #69672E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69672E; -webkit-box-shadow:4px 4px  
4px 4px #69672E; box-shadow:4px 4px 4px  
4px #69672E }
```

# Background

The CSS property to change the background color of an element to Hex 69672E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69672E }
```

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

```
.background{ background-color:#69672E }
```

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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