

# Converting Colors

Hex(68682D)

Have a look what the booklet for  
Hex(68682D) contains.

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**Color**

**Hex(68682D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	68682D
RGB	104, 104, 45
RGB Percent	41%, 41%, 18%
CMY	0.5922, 0.5922, 0.8235
CMYK	0.00, 0.00, 0.57, 0.59
HSL	60°, 40%, 29%
HSV	60°, 57%, 41%
XYZ	11.1329, 13.0331, 4.4115
YIQ	97.2740, 18.9390, -18.3490

# Conversions

## Conversions Part 2

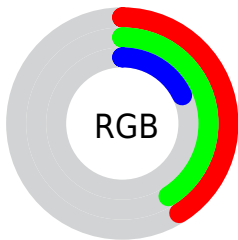
Format	Color
<a href="#">RYB</a>	<a href="#">45, 104, 45</a>
Decimal	<a href="#">6842413</a>
CIELab	<a href="#">42.81, -8.87, 32.71</a>
CIELCh	<a href="#">43, 33.890, 105.165</a>
Yxy	<a href="#">13.0331, 0.3896, 0.4561</a>
Android (android.graphics.Color)	<a href="#">4285032493 (0xFF68682D)</a>
YUV	<a href="#">97.2740, -25.7711, 5.8987</a>
Hunter-Lab	<a href="#">36.1014, -8.1321, 18.0259</a>

# Details

The Hex color **68682D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D2D68**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9D9B5D**, and **373900** is the 20% darker color. If you saturate the color by 10%, you get **686823**, and if you desaturate by 10%, it is **686837**.

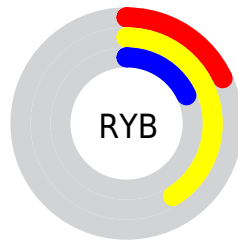
# Distribution



Red (41%)

Green (41%)

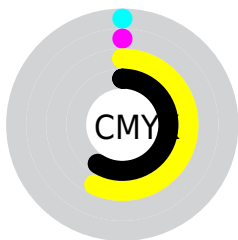
Blue (18%)



Red (18%)

Yellow (41%)

Blue (18%)

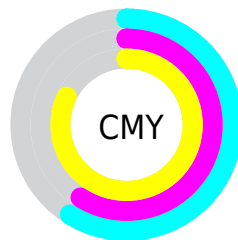


Cyan (0%)

Magenta (0%)

Yellow (57%)

Black (59%)



Cyan (59%)

Magenta (59%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68682D 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 68682D by changing the saturation by 10% instead.





68682D



68682D

FFFFFF



4F5016



9D9B5D



373900



B8B676



202400



D4D190



001000



F1EEAB



000000



FFFFC7



FFFFE3



68682D



68682D



686823



686837

■ 686818

■ 686842

■ 68680E

■ 68684C

■ 686803

■ 686857

■ 686800

■ 686861

■ 68686B

■ 686876

■ 686880

■ 68688B

# Harmonies

## Analogous

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



825F2E



68682D



496F3C

# Triad

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



68682D



00718C



924F74

# Complementary

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



68682D



2D2D68

# 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.



7A588D



68682D



006C9B

# Square

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



68682D



007373



50639B



9A4E58

# Rectangle

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



68682D



2E724D



50639B



8C527D



# Sweetspot

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



68682D



878770



682D2D



454537



C4C4C4



454545



# Same Dimension

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



68682D



87872B



4B682D



33332E



737300



F2F200



# Inverse Universe

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



2D2D68



2B2B87



4B2D68



2E2E33



000073



0000F2



# Previews

## White Background



This preview shows how the Hex color 68682D looks on a white background.

## Color Contrast Check

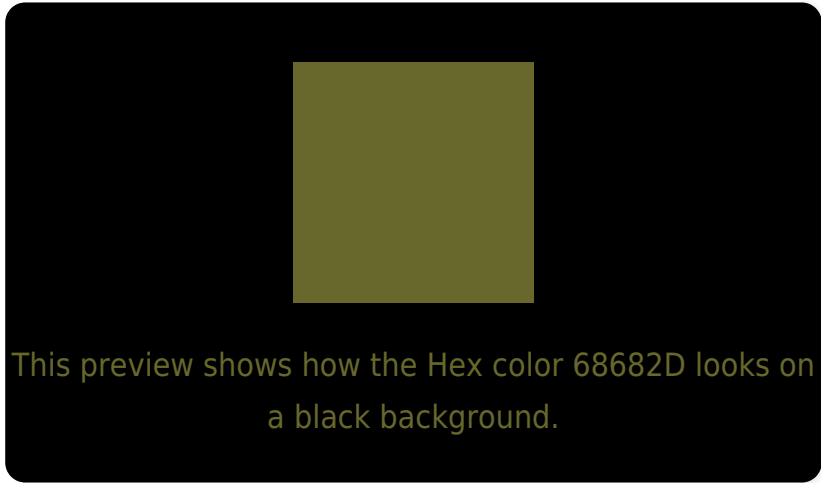
Large Text (above 18pt) WCAG AA ✓ Pass

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

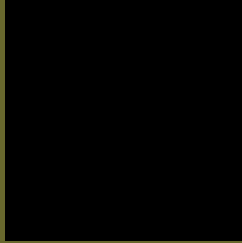
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 68682D Background



This preview shows how black text looks on a background with the Hex color 68682D.



This preview shows how white text looks on a background with the Hex color 68682D.

# 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**  
68682D

**Protanopia**  
70652C

**Deuteranopia**  
7D602F



**Tritanopia**  
6E6269

# Trichromacy



**Original Color**  
68682D

**Protanomaly**  
6D662C

**Deuteranomaly**  
75632E

**Tritanomaly**  
6C6453

# Monochromacy



**Original Color**  
68682D

**Achromatopsia**  
616161

**Achromatomaly**  
64644E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68682D 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 #68682D looks like.

```
.text, #text, p{  
    color:#68682D  
}
```

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 #68682D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68682D
}
```

## Border

The CSS property to change the border of an element to Hex 68682D 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
#68682D }
```

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

```
.border{ border-color:#68682D }
```

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

Here you see how a box with a 4 pixel #68682D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68682D; -webkit-box-shadow:4px 4px  
4px 4px #68682D; box-shadow:4px 4px 4px  
4px #68682D }
```

# Background

The CSS property to change the background color of an element to Hex 68682D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68682D }
```

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

```
.background{ background-color:#68682D }
```

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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