

Converting Colors

Hex(68612D)

Have a look what the booklet for
Hex(68612D) contains.

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Color

Hex(68612D)

Conversions

Conversions Part 1

Format	Color
Hex	68612D
RGB	104, 97, 45
RGB Percent	41%, 38%, 18%
CMY	0.5922, 0.6196, 0.8235
CMYK	0.00, 0.07, 0.57, 0.59
HSL	53°, 40%, 29%
HSV	53°, 57%, 41%
XYZ	10.4573, 11.6819, 4.1863
YIQ	93.1650, 20.8640, -14.6880

Conversions

Conversions Part 2

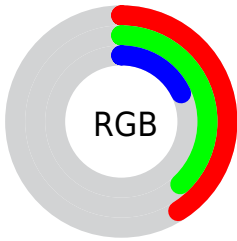
Format	Color
RYB	53, 104, 45
Decimal	6840621
CIELab	40.71, -4.84, 30.27
CIELCh	41, 30.650, 99.077
Yxy	11.6819, 0.3972, 0.4437
Android (android.graphics.Color)	4285030701 (0xFF68612D)
YUV	93.1650, -23.7453, 9.5023
Hunter-Lab	34.1788, -5.1995, 16.6632

Details

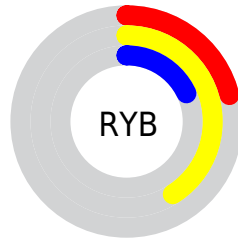
The Hex color **68612D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D3468**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9D935D**, and **373300** is the 20% darker color. If you saturate the color by 10%, you get **686023**, and if you desaturate by 10%, it is **686237**.

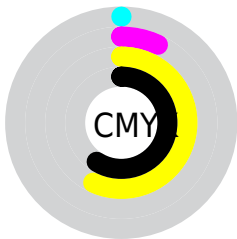
Distribution



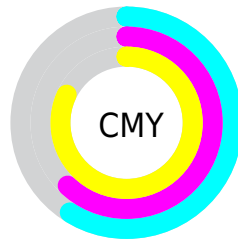
- Red (41%)
- Green (38%)
- Blue (18%)



- Red (21%)
- Yellow (41%)
- Blue (18%)



- Cyan (0%)
- Magenta (7%)
- Yellow (57%)
- Black (59%)



- Cyan (59%)
- Magenta (62%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68612D 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 68612D by changing the saturation by 10% instead.



68612D



68612D

FFFFFF



4F4916



9D935D



373300



B8AE76



201E00



D4C990



000500



F1E5AA



000000



FFFFC6



FFFFE2



68612D



68612D



686023



686237

■ 685F18

■ 686342

■ 685D0E

■ 68654C

■ 685C03

■ 686657

■ 685C00

■ 686761

■ 68686B

■ 686A76

■ 686B80

■ 686C8B

Harmonies

Analogous

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



7E5831



68612D



4D6838

Triad

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



68612D



006C7F



854E72

Complementary

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



68612D



2D3468

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.



6C5687



68612D



00678E

Square

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



68612D



006D67



456091



8F4B59

Rectangle

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



68612D



376B45



456091



7E507A

Sweetspot

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



68612D



878470



682D35



454337



C4C4C4



454545

Same Dimension

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



68612D



877C2B



52682D



33322E



736500



F2D600

Inverse Universe

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



2D3468



2B3687



432D68



2E2F33



000E73



001DF2

Previews

White Background



This preview shows how the Hex color 68612D looks on a white background.

Color Contrast Check

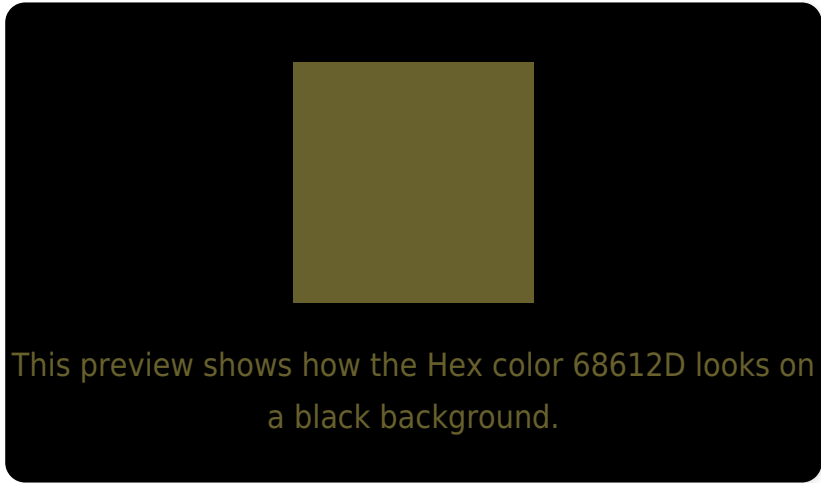
Large Text (above 18pt) WCAG AA ✓ Pass

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

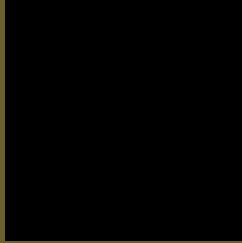
Any Text WCAG AA × Fail

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 68612D Background



This preview shows how black text looks on a background with the Hex color 68612D.



This preview shows how white text looks on a background with the Hex color 68612D.

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
68612D

Protanopia
6A602D

Deuteranopia
765B2E



Tritanopia
6D5B62

Trichromacy



Original Color
68612D

Protanomaly
69602D

Deuteranomaly
715D2E

Tritanomaly
6B5D4F

Monochromacy



Original Color
68612D

Achromatopsia
5D5D5D

Achromatomaly
615E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 68612D 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 #68612D looks like.

```
.text, #text, p{  
    color:#68612D  
}
```

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 #68612D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68612D
}
```

Border

The CSS property to change the border of an element to Hex 68612D 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
#68612D }
```

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

```
.border{ border-color:#68612D }
```

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

Here you see how a box with a 4 pixel #68612D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68612D; -webkit-box-shadow:4px 4px  
4px 4px #68612D; box-shadow:4px 4px 4px  
4px #68612D }
```

Background

The CSS property to change the background color of an element to Hex 68612D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68612D }
```

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

```
.background{ background-color:#68612D }
```

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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