

Converting Colors

Hex(76644D)

Have a look what the booklet for
Hex(76644D) contains.

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Color

Hex(76644D)

Conversions

Conversions Part 1

Format	Color
Hex	76644D
RGB	118, 100, 77
RGB Percent	46%, 39%, 30%
CMY	0.5373, 0.6078, 0.6980
CMYK	0.00, 0.15, 0.35, 0.54
HSL	34°, 21%, 38%
HSV	34°, 35%, 46%
XYZ	13.3679, 13.5017, 8.9227
YIQ	102.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

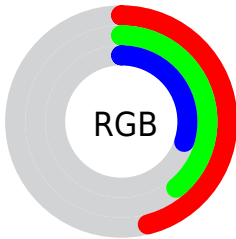
Format	Color
RYB	109, 118, 77
Decimal	7758925
CIELab	43.51, 3.52, 15.73
CIElCh	44, 16.120, 77.402
Yxy	13.5017, 0.3735, 0.3772
Android (android.graphics.Color)	4285949005 (0xFF76644D)
YUV	102.7600, -12.6997, 13.3655
Hunter-Lab	36.7447, 0.6362, 11.3239

Details

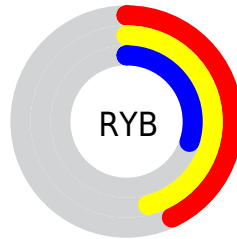
The Hex color **76644D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4D5F76**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **AB977E**, and **453521** is the 20% darker color. If you saturate the color by 10%, you get **765F41**, and if you desaturate by 10%, it is **766959**.

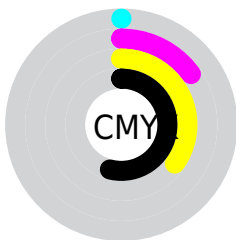
Distribution



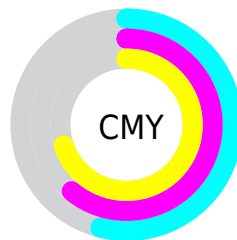
- Red (46%)
- Green (39%)
- Blue (30%)



- Red (43%)
- Yellow (46%)
- Blue (30%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76644D 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 76644D by changing the saturation by 10% instead.

 76644D

 76644D

FFFFFF

 5D4C36

 AB977E

 453521

 C6B198

 2E200A

 E3CDB3

 170900

 FFE9CE

 000000

 FFFFEB

 76644D

 76644D

 765F41

 766959

 765A35

 766E65

■ 76542A

■ 767470

■ 764F1E

■ 76797C

■ 764A12

■ 767E88

■ 764506

■ 768394

■ 764200

■ 7688A0

■ 768DAB

■ 7693B7

Harmonies

Analogous

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



7F6054



76644D



69684D

Triad

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



76644D



426E6E



726179

Complementary

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



76644D



4D5F76

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.



616580



76644D



436D7A

Square

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



76644D



4B6E61



4F6A81



7E5E6D

Rectangle

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



76644D



5F6B51



4F6A81



6D627C

Sweetspot

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



76644D



99928A



764D5F



4D4843



CCCCCC



4D4D4D

Same Dimension

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



76644D



997D59



74764D



3B3835



7A4500



FA8C00

Inverse Universe

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



4D5F76



597599



4F4D76



35373B



00367A



006EFA

Previews

White Background



This preview shows how the Hex color 76644D looks on a white background.

Color Contrast Check

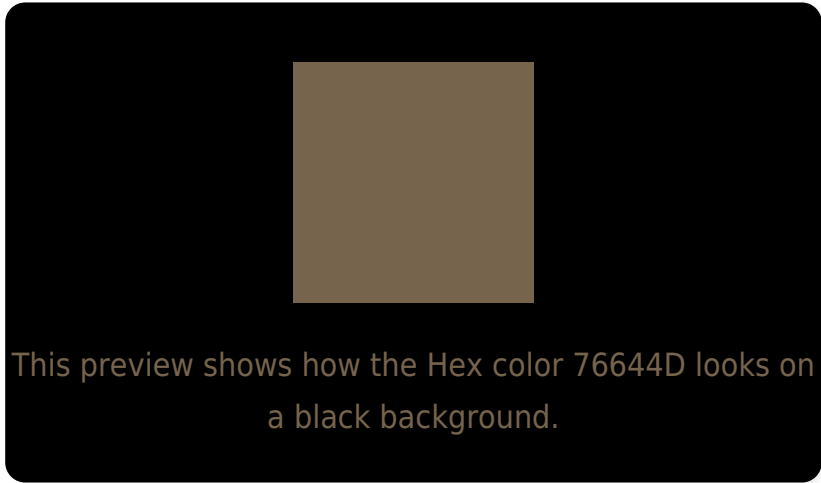
Large Text (above 18pt) WCAG AA ✓ Pass

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

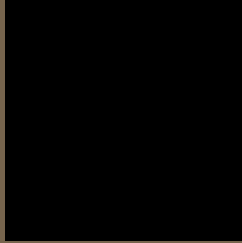
Any Text WCAG AA × Fail

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 76644D Background



This preview shows how black text looks on a background with the Hex color 76644D.



This preview shows how white text looks on a background with the Hex color 76644D.

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
76644D

Protanopia
6E674E

Deuteranopia
79634D



Tritanopia
796068

Trichromacy



Original Color
76644D

Protanomaly
71664E

Deuteranomaly
78634D

Tritanomaly
78615E

Monochromacy



Original Color
76644D

Achromatopsia
676767

Achromatomaly
6C665E

CSS Examples

Text

The CSS property to change the color of the text to Hex 76644D 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 #76644D looks like.

```
.text, #text, p{  
    color:#76644D  
}
```

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 #76644D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76644D }  
}
```

Border

The CSS property to change the border of an element to Hex 76644D 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 #76644D }  
}
```

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

```
.border{ border-color:#76644D }
```

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

Here you see how a box with a 4 pixel #76644D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76644D; -webkit-box-shadow:4px 4px  
4px 4px #76644D; box-shadow:4px 4px 4px  
4px #76644D }
```

Background

The CSS property to change the background color of an element to Hex 76644D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76644D }
```

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

```
.background{ background-color:#76644D }
```

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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