

Converting Colors

Hex(766D52)

Have a look what the booklet for
Hex(766D52) contains.

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Color

Hex(766D52)

Conversions

Conversions Part 1

Format	Color
Hex	766D52
RGB	118, 109, 82
RGB Percent	46%, 43%, 32%
CMY	0.5373, 0.5725, 0.6784
CMYK	0.00, 0.08, 0.31, 0.54
HSL	45°, 18%, 39%
HSV	45°, 31%, 46%
XYZ	14.4628, 15.3980, 10.1925
YIQ	108.6130, 14.0310, -6.4890

Conversions

Conversions Part 2

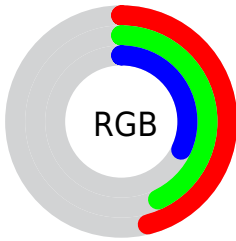
Format	Color
R_{YB}	94, 118, 82
Decimal	7761234
CIE Lab	46.17, -1.06, 16.39
CIE LCh	46, 16.421, 93.691
Yxy	15.3980, 0.3611, 0.3844
Android (android.graphics.Color)	4285951314 (0xFF766D52)
YUV	108.6130, -13.1202, 8.2324
Hunter-Lab	39.2403, -2.8806, 12.0679

Details

The Hex color **766D52** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **525B76**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **ABA084**, and **453E25** is the 20% darker color. If you saturate the color by 10%, you get **766A46**, and if you desaturate by 10%, it is **76705E**.

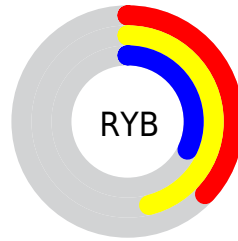
Distribution



Red (46%)

Green (43%)

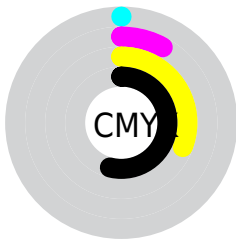
Blue (32%)



Red (37%)

Yellow (46%)

Blue (32%)

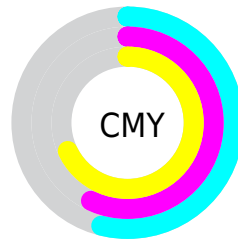


Cyan (0%)

Magenta (8%)

Yellow (31%)

Black (54%)



Cyan (54%)

Magenta (57%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766D52 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 766D52 by changing the saturation by 10% instead.



766D52



766D52

FFFFFF



5D553B



ABA084



453E25



C6BB9E



2E2810



E2D7B9



191400



FFF3D4



000000



FFFFF1



766D52



766D52



766A46



76705E



76673A



76736A

 76642F

 767675

 766123

 767981

 765E17

 767C8D

 765B0B

 767F99

 765800

 7682A5

 7685B0

 7688BC

Harmonies

Analogous

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



826855



766D52



677156

Triad

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



766D52



46757C



81657A

Complementary

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



766D52



525B76

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.



726984



766D52



4E7286

Square

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



766D52



4B756F



5F6E89



89646C

Rectangle

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



766D52



5C735D



5F6E89



7C667E

Sweetspot

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



766D52



99968B



76525B



4D4A44



CCCCCC



4D4D4D

Same Dimension

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



766D52



998B60



6E7652



3B3935



7A5C00



FABB00

Inverse Universe

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



525B76



606F99



5A5276



35363B



001F7A



003EFA

Previews

White Background



This preview shows how the Hex color 766D52 looks on a white background.

Color Contrast Check

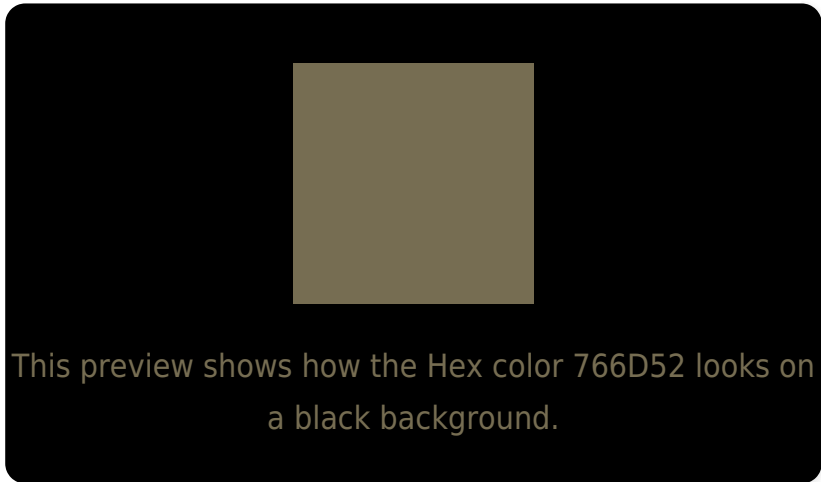
Large Text (above 18pt) WCAG AA ✓ Pass

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

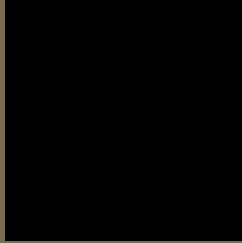
Any Text WCAG AA × Fail

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 766D52 Background



This preview shows how black text looks on a background with the Hex color 766D52.



This preview shows how white text looks on a background with the Hex color 766D52.

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


766D52

Protanopia

756D52

Deuteranopia

816953



Tritanopia
7A6971

Trichromacy



Original Color
766D52

Protanomaly
756D52

Deuteranomaly
7D6A53

Tritanomaly
796A66

Monochromacy



Original Color
766D52

Achromatopsia
6D6D6D

Achromatomaly
706D63

CSS Examples

Text

The CSS property to change the color of the text to Hex 766D52 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 #766D52 looks like.

```
.text, #text, p{  
    color:#766D52  
}
```

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 #766D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766D52
}
```

Border

The CSS property to change the border of an element to Hex 766D52 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
#766D52 }
```

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

```
.border{ border-color:#766D52 }
```

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

Here you see how a box with a 4 pixel #766D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766D52; -webkit-box-shadow:4px 4px  
4px 4px #766D52; box-shadow:4px 4px 4px  
4px #766D52 }
```

Background

The CSS property to change the background color of an element to Hex 766D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766D52 }
```

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

```
.background{ background-color:#766D52 }
```

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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