

Converting Colors

Hex(766333)

Have a look what the booklet for
Hex(766333) contains.

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Color

Hex(766333)

Conversions

Conversions Part 1

Format	Color
Hex	766333
RGB	118, 99, 51
RGB Percent	46%, 39%, 20%
CMY	0.5373, 0.6118, 0.8000
CMYK	0.00, 0.16, 0.57, 0.54
HSL	43°, 40%, 33%
HSV	43°, 57%, 46%
XYZ	12.5306, 13.0142, 4.9835
YIQ	99.2090, 26.7320, -10.9000

Conversions

Conversions Part 2

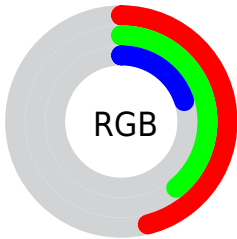
Format	Color
RYB	78, 118, 51
Decimal	7758643
CIELab	42.78, 1.09, 29.81
CIELCh	43, 29.832, 87.898
Yxy	13.0142, 0.4105, 0.4263
Android (android.graphics.Color)	4285948723 (0xFF766333)
YUV	99.2090, -23.7670, 16.4797
Hunter-Lab	36.0753, -1.1305, 17.0622

Details

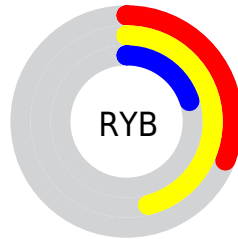
The Hex color **766333** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **334676**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AC9663**, and **433505** is the 20% darker color. If you saturate the color by 10%, you get **766027**, and if you desaturate by 10%, it is **76663F**.

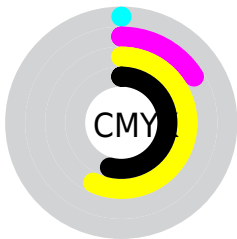
Distribution



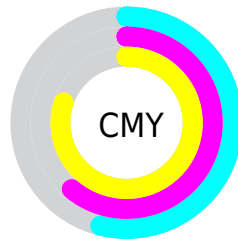
- Red (46%)
- Green (39%)
- Blue (20%)



- Red (31%)
- Yellow (46%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (57%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766333 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 766333 by changing the saturation by 10% instead.

 766333

 766333

FFFFFF

 5C4B1C

 AC9663

 433505

 C8B07C

 2C2000

 E4CC96

 110900

 FFE8B1

 000000

 FFFFCD

 FFFF E9

 766333

 766333

 766027

 76663F

 765C1B

 766A4B

 765910

 766D56

 765604

 767062

 765500

 76746E

 76777A

 767A86

 767E91

 76819D

Harmonies

Analogous

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



895A3C



766333



5D6A38

Triad

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



766333



00717B



825680

Complementary

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



766333



334676

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.



655F91



766333



006E8E

Square

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



766333



147262



3A6896



925168

Rectangle

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



766333



4A6E43



3A6896



7A5986

Sweetspot

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



766333



99927F



763347



4D483D



CCCCCC



4D4D4D

Same Dimension

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



766333



997B31



697633



3B3935



7A5800



FAB300

Inverse Universe

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



334676



314E99



403376



35363B



00237A



0047FA

Previews

White Background



This preview shows how the Hex color 766333 looks on a white background.

Color Contrast Check

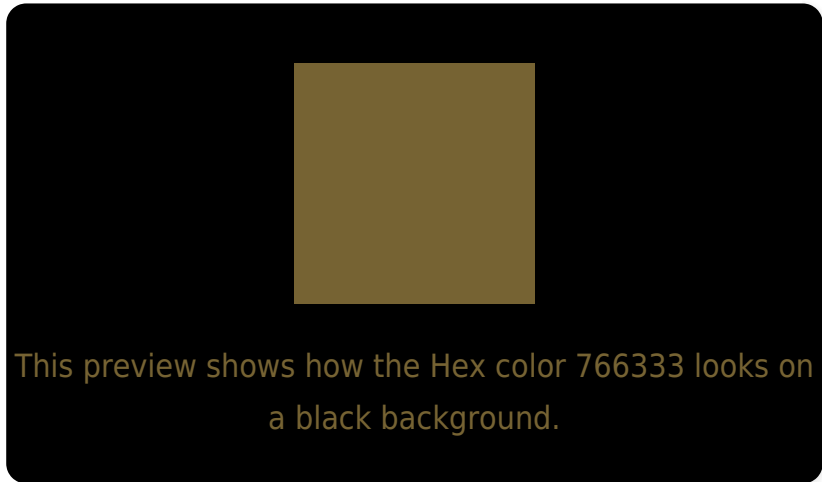
Large Text (above 18pt) WCAG AA ✓ Pass

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

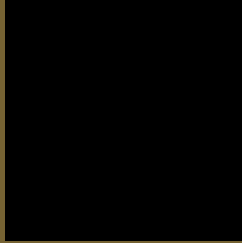
Any Text WCAG AA × Fail

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 766333 Background



This preview shows how black text looks on a background with the Hex color 766333.



This preview shows how white text looks on a background with the Hex color 766333.

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
766333

Protanopia
706534

Deuteranopia
7C6034



Tritanopia
7A5D65

Trichromacy



Original Color
766333

Protanomaly
726434

Deuteranomaly
7A6134

Tritanomaly
795F53

Monochromacy



Original Color
766333

Achromatopsia
636363

Achromatomaly
6A6352

CSS Examples

Text

The CSS property to change the color of the text to Hex 766333 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 #766333 looks like.

```
.text, #text, p{  
    color:#766333  
}
```

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 #766333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766333
}
```

Border

The CSS property to change the border of an element to Hex 766333 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
#766333 }
```

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

```
.border{ border-color:#766333 }
```

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

Here you see how a box with a 4 pixel #766333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766333; -webkit-box-shadow:4px 4px  
4px 4px #766333; box-shadow:4px 4px 4px  
4px #766333 }
```

Background

The CSS property to change the background color of an element to Hex 766333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766333 }
```

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

```
.background{ background-color:#766333 }
```

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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