

Converting Colors

Hex(767F33)

Have a look what the booklet for
Hex(767F33) contains.

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Color

Hex(767F33)

Conversions

Conversions Part 1

Format	Color
Hex	767F33
RGB	118, 127, 51
RGB Percent	46%, 50%, 20%
CMY	0.5373, 0.5020, 0.8000
CMYK	0.07, 0.00, 0.60, 0.50
HSL	67°, 43%, 35%
HSV	67°, 60%, 50%
XYZ	15.6581, 19.2693, 6.0260
YIQ	115.6450, 19.0320, -25.5440

Conversions

Conversions Part 2

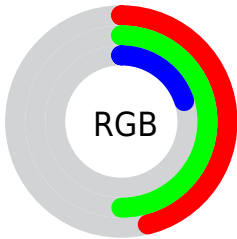
Format	Color
RYB	51, 127, 60
Decimal	7765811
CIELab	51.00, -14.70, 39.30
CIElCh	51, 41.960, 110.507
Yxy	19.2693, 0.3823, 0.4705
Android (android.graphics.Color)	4285955891 (0xFF767F33)
YUV	115.6450, -31.8700, 2.0653
Hunter-Lab	43.8968, -13.1480, 22.5886

Details

The Hex color **767F33** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3C337F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **ACB465**, and **434E00** is the 20% darker color. If you saturate the color by 10%, you get **747F26**, and if you desaturate by 10%, it is **787F40**.

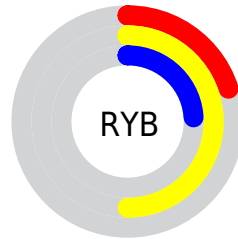
Distribution



Red (46%)

Green (50%)

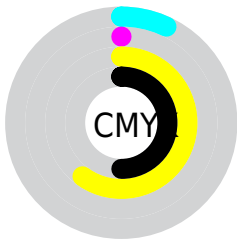
Blue (20%)



Red (20%)

Yellow (50%)

Blue (24%)

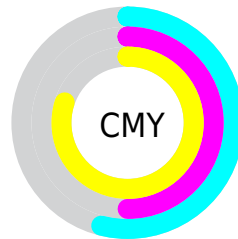


Cyan (7%)

Magenta (0%)

Yellow (60%)

Black (50%)



Cyan (54%)

Magenta (50%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 767F33 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 767F33 by changing the saturation by 10% instead.

 767F33

 767F33

FFFFFF

 5C661A

 ACB465

 434E00

 C8CF7E

 2C3700

 E4EB99

 132200

 FFFFB4

 000700

 FFFF00

 000000

 FFFFED

 767F33

 767F33

 747F26

 787F40

■ 737F1A

■ 797F4C

■ 717F0D

■ 7B7F59

■ 707F00

■ 7C7F66

■ 7E7F73

■ 7F7F7F

■ 817F8C

■ 827F99

■ 847FA5

Harmonies

Analogous

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



987431



767F33



4C874A

Triad

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



767F33



0088B0



B65C86

Complementary

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



767F33



3C337F

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.



9A66A7



767F33



0081C0

Square

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



767F33



008B91



6975BD



BC5C62

Rectangle

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



767F33



208A60



6975BD



AF5E92

Sweetspot

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



767F33



A2A688



7F3C33



525442



D4D4D4



545454

Same Dimension

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



767F33



98A62E



507F33



3F4039



708000



000000

Inverse Universe

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



3C337F



3D2EA6



62337F



3A3940



0F0080



000000

Previews

White Background



This preview shows how the Hex color 767F33 looks on a white background.

Color Contrast Check

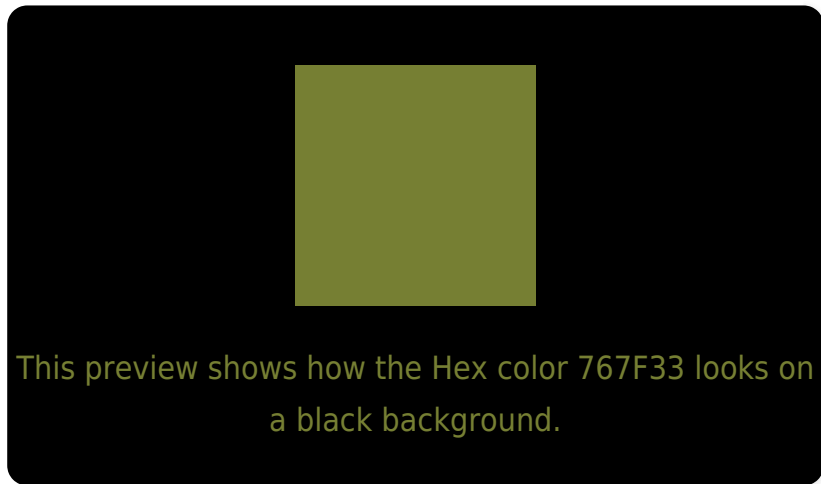
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 767F33 Background



This preview shows how black text looks on a background with the Hex color 767F33.



This preview shows how white text looks on a background with the Hex color 767F33.

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
767F33

Protanopia
877A31

Deuteranopia
967336



Tritanopia
7E7780

Trichromacy



Original Color
767F33

Protanomaly
817C32

Deuteranomaly
8A7735

Tritanomaly
7B7A64

Monochromacy



Original Color
767F33

Achromatopsia
747474

Achromatomaly
75785C

CSS Examples

Text

The CSS property to change the color of the text to Hex 767F33 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 #767F33 looks like.

```
.text, #text, p{  
    color:#767F33  
}
```

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 #767F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767F33
}
```

Border

The CSS property to change the border of an element to Hex 767F33 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
#767F33 }
```

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

```
.border{ border-color:#767F33 }
```

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

Here you see how a box with a 4 pixel #767F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767F33; -webkit-box-shadow:4px 4px  
4px 4px #767F33; box-shadow:4px 4px 4px  
4px #767F33 }
```

Background

The CSS property to change the background color of an element to Hex 767F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767F33 }
```

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

```
.background{ background-color:#767F33 }
```

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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