

Converting Colors

Hex(6D7746)

Have a look what the booklet for
Hex(6D7746) contains.

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Color

Hex(6D7746)

Conversions

Conversions Part 1

Format	Color
Hex	6D7746
RGB	109, 119, 70
RGB Percent	43%, 47%, 27%
CMY	0.5725, 0.5333, 0.7255
CMYK	0.08, 0.00, 0.41, 0.53
HSL	72°, 26%, 37%
HSV	72°, 41%, 47%
XYZ	14.0090, 16.8871, 8.3155
YIQ	110.4240, 9.7690, -17.3590

Conversions

Conversions Part 2

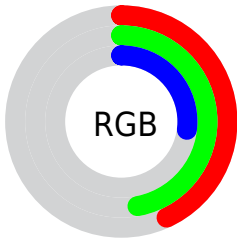
Format	Color
RYB	70, 119, 80
Decimal	7173958
CIELab	48.12, -12.25, 25.69
CIELCh	48, 28.465, 115.497
Yxy	16.8871, 0.3573, 0.4307
Android (android.graphics.Color)	4285364038 (0xFF6D7746)
YUV	110.4240, -19.9290, -1.2488
Hunter-Lab	41.0939, -11.0632, 16.7681

Details

The Hex color **6D7746** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **504677**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A1AB77**, and **3C4719** is the 20% darker color. If you saturate the color by 10%, you get **6B773A**, and if you desaturate by 10%, it is **6F7752**.

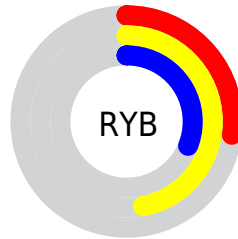
Distribution



Red (43%)

Green (47%)

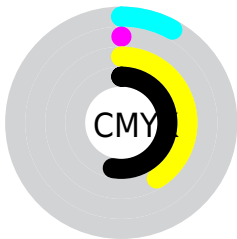
Blue (27%)



Red (27%)

Yellow (47%)

Blue (31%)

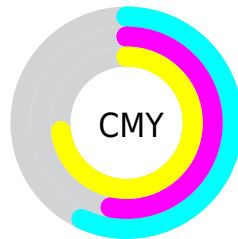


Cyan (8%)

Magenta (0%)

Yellow (41%)

Black (53%)



Cyan (57%)

Magenta (53%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7746 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 6D7746 by changing the saturation by 10% instead.

 6D7746

 6D7746

FFFFFF

 545E2F

 A1AB77

 3C4719

 BDC691

 263000

 D9E2AC

 0D1C00

 F5FFC7

 000000

 FFFF E3

 6D7746

 6D7746

 6B773A

 6F7752

 68772E

 72775E

667722

74776A

637716

777776

61770B

797782

5F7700

7C778D

7E7799

8077A5

8377B1

Harmonies

Analogous

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



857042



6D7746



517C56

Triad

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



6D7746



1C7C99



9E6077

Complementary

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



6D7746



504677

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.



8D658E



6D7746



4976A2

Square

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



6D7746



097F86



706D9D



A1615F

Rectangle

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



6D7746



3C7E65



706D9D



9A617F

Sweetspot

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



6D7746



989C89



775046



4D4F44



CFCFCF



4F4F4F

Same Dimension

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



6D7746



8C9C4F



557746



393B35



617A00



C7FA00

Inverse Universe

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



504677



5F4F9C



684677



36353B



19007A



3300FA

Previews

White Background



This preview shows how the Hex color 6D7746 looks on a white background.

Color Contrast Check

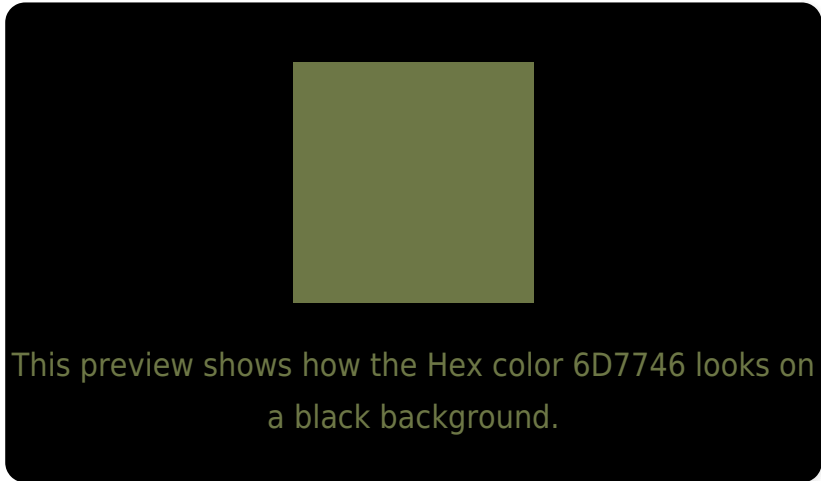
Large Text (above 18pt) WCAG AA ✓ Pass

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

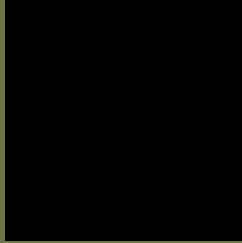
Any Text WCAG AA × Fail

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 6D7746 Background



This preview shows how black text looks on a background with the Hex color 6D7746.



This preview shows how white text looks on a background with the Hex color 6D7746.

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
6D7746

Protanopia
7D7244

Deuteranopia
8A6D48



Tritanopia
73717A

Trichromacy



Original Color
6D7746

Protanomaly
777445

Deuteranomaly
7F7147

Tritanomaly
717367

Monochromacy



Original Color
6D7746

Achromatopsia
6E6E6E

Achromatomaly
6E715F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7746 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 #6D7746 looks like.

```
.text, #text, p{  
    color:#6D7746  
}
```

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 #6D7746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7746
}
```

Border

The CSS property to change the border of an element to Hex 6D7746 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
#6D7746 }
```

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

```
.border{ border-color:#6D7746 }
```

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

Here you see how a box with a 4 pixel #6D7746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7746; -webkit-box-shadow:4px 4px  
4px 4px #6D7746; box-shadow:4px 4px 4px  
4px #6D7746 }
```

Background

The CSS property to change the background color of an element to Hex 6D7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7746 }
```

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

```
.background{ background-color:#6D7746 }
```

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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