

Converting Colors

Hex(6D6847)

Have a look what the booklet for
Hex(6D6847) contains.

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Color

Hex(6D6847)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 6D6847 |
| RGB | 109, 104, 71 |
| RGB Percent | 43%, 41%, 28% |
| CMY | 0.5725, 0.5922, 0.7216 |
| CMYK | 0.00, 0.05, 0.35, 0.57 |
| HSL | 52°, 21%, 35% |
| HSV | 52°, 35%, 43% |
| XYZ | 12.3943, 13.6068, 7.9344 |
| YIQ | 101.7330, 13.5730, -9.2030 |

Conversions

Conversions Part 2

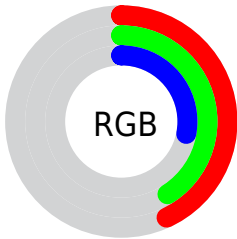
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 77, 109, 71 |
| Decimal | 7170119 |
| CIELab | 43.66, -3.62, 19.33 |
| CIELCh | 44, 19.667, 100.607 |
| Yxy | 13.6068, 0.3652, 0.4010 |
| Android (android.graphics.Color) | 4285360199 (0xFF6D6847) |
| YUV | 101.7330, -15.1514, 6.3732 |
| Hunter-Lab | 36.8874, -4.5761, 13.0681 |

Details

The Hex color **6D6847** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **474C6D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A19B78**, and **3D391B** is the 20% darker color. If you saturate the color by 10%, you get **6D673C**, and if you desaturate by 10%, it is **6D6952**.

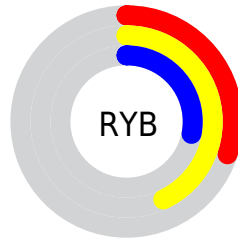
Distribution



Red (43%)

Green (41%)

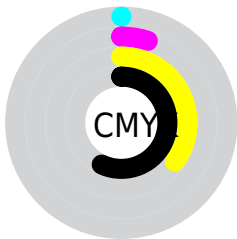
Blue (28%)



Red (30%)

Yellow (43%)

Blue (28%)

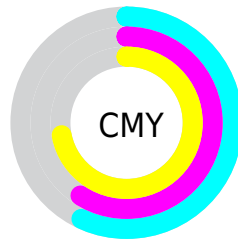


Cyan (0%)

Magenta (5%)

Yellow (35%)

Black (57%)



Cyan (57%)

Magenta (59%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D6847 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 6D6847 by changing the saturation by 10% instead.

 6D6847

 6D6847

FFFFFF

 545030

 A19B78

 3D391B

 BCB692

 272402

 D8D1AC

 0B0F00

 F5EEC8

 000000

 FFFFE4

 6D6847

 6D6847

 6D673C

 6D6952

 6D6531

 6D6B5D

 6D6426

 6D6C68

 6D621B

 6D6E73

 6D6110

 6D6F7E

 6D5F06

 6D7188

 6D5F00

 6D7293

 6D739E

 6D75A9

Harmonies

Analogous

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



7C6349



6D6847



5B6D4E

Triad

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



6D6847



356F7C



815C72

Complementary

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



6D6847



474C6D

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.



716180



6D6847



446C85

Square

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



6D6847



39706D



5B6787



885B62

Rectangle

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



6D6847



4E6F57



5B6787



7C5E77

Sweetspot

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



6D6847



8F8D81



6D474C



47463F



C7C7C7



474747

Same Dimension

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



6D6847



8F8753



5F6D47



363530



756600



F5D500

Inverse Universe

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



474C6D



535B8F



55476D



303136



000F75



0020F5

Previews

White Background



This preview shows how the Hex color 6D6847 looks on a white background.

Color Contrast Check

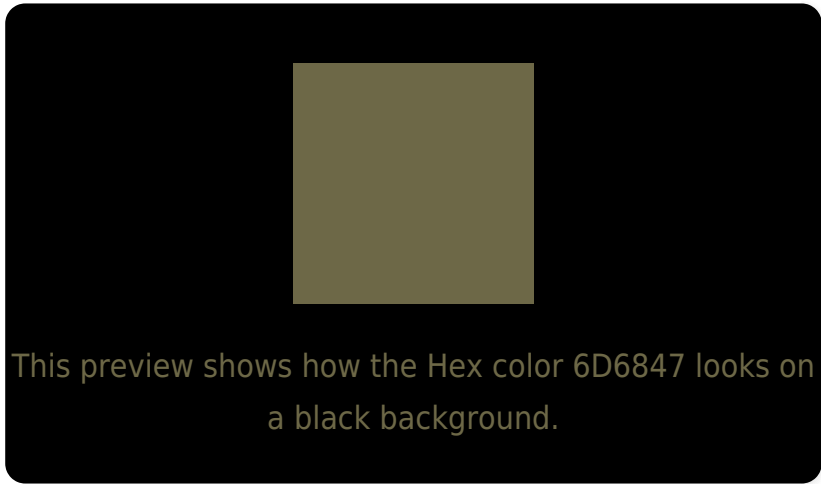
Large Text (above 18pt) WCAG AA ✓ Pass

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

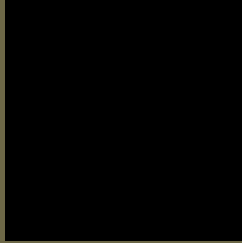
Any Text WCAG AA × Fail

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 6D6847 Background



This preview shows how black text looks on a background with the Hex color 6D6847.



This preview shows how white text looks on a background with the Hex color 6D6847.

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
6D6847

Protanopia
706747

Deuteranopia
7B6348



Tritanopia
71636B

Trichromacy



Original Color
6D6847

Protanomaly
6F6747

Deuteranomaly
766548

Tritanomaly
70655E

Monochromacy



Original Color
6D6847

Achromatopsia
666666

Achromatomaly
69675B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D6847 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 #6D6847 looks like.

```
.text, #text, p{  
    color:#6D6847  
}
```

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 #6D6847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6847
}
```

Border

The CSS property to change the border of an element to Hex 6D6847 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
#6D6847 }
```

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

```
.border{ border-color:#6D6847 }
```

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

Here you see how a box with a 4 pixel #6D6847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6847; -webkit-box-shadow:4px 4px  
4px 4px #6D6847; box-shadow:4px 4px 4px  
4px #6D6847 }
```

Background

The CSS property to change the background color of an element to Hex 6D6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6847 }
```

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

```
.background{ background-color:#6D6847 }
```

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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