

Converting Colors

Hex(6A6847)

Have a look what the booklet for
Hex(6A6847) contains.

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Color

Hex(6A6847)

Conversions

Conversions Part 1

Format	Color
Hex	6A6847
RGB	106, 104, 71
RGB Percent	42%, 41%, 28%
CMY	0.5843, 0.5922, 0.7216
CMYK	0.00, 0.02, 0.33, 0.58
HSL	57°, 20%, 35%
HSV	57°, 33%, 42%
XYZ	12.0315, 13.4197, 7.9174
YIQ	100.8360, 11.7850, -9.8390

Conversions

Conversions Part 2

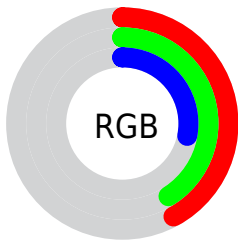
Format	Color
RYB	73, 106, 71
Decimal	6973511
CIELab	43.39, -4.93, 18.92
CIElCh	43, 19.550, 104.621
Yxy	13.4197, 0.3606, 0.4022
Android (android.graphics.Color)	4285163591 (0xFF6A6847)
YUV	100.8360, -14.7091, 4.5288
Hunter-Lab	36.6330, -5.4822, 12.8289

Details

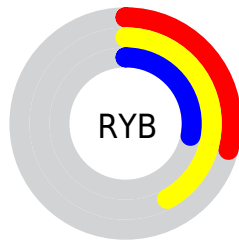
The Hex color **6A6847** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **47496A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9E9B78**, and **3A391B** is the 20% darker color. If you saturate the color by 10%, you get **6A673C**, and if you desaturate by 10%, it is **6A6952**.

Distribution



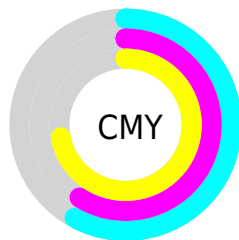
- Red (42%)
- Green (41%)
- Blue (28%)



- Red (29%)
- Yellow (42%)
- Blue (28%)



- Cyan (0%)
- Magenta (2%)
- Yellow (33%)
- Black (58%)



- Cyan (58%)
- Magenta (59%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6847 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 6A6847 by changing the saturation by 10% instead.



6A6847



6A6847

FFFFFF



515030



9E9B78



3A391B



B9B692



242402



D5D1AC



060F00



F1EEC8



000000



FFFFE4



6A6847



6A6847



6A673C



6A6952



6A6732



6A695C

 6A6627

 6A6A67

 6A661D

 6A6A71

 6A6512

 6A6B7C

 6A6407

 6A6C87

 6A6400

 6A6C91

 6A6D9C

 6A6DA6

Harmonies

Analogous

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



7A6348



6A6847



586C4F

Triad

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



6A6847



366E7D



815B70

Complementary

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



6A6847



47496A

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.



73607E



6A6847



466A85

Square

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



6A6847



37706E



5D6586



875B5F

Rectangle

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



6A6847



4B6E58



5D6586



7D5D75

Sweetspot

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



6A6847



8A897C



6A4749



45443D



C4C4C4



454545

Same Dimension

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



6A6847



8A8753



5B6A47



363530



756F00



F5E700

Inverse Universe

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



47496A



53568A



56476A



303136



000775



000EF5

Previews

White Background



This preview shows how the Hex color 6A6847 looks on a white background.

Color Contrast Check

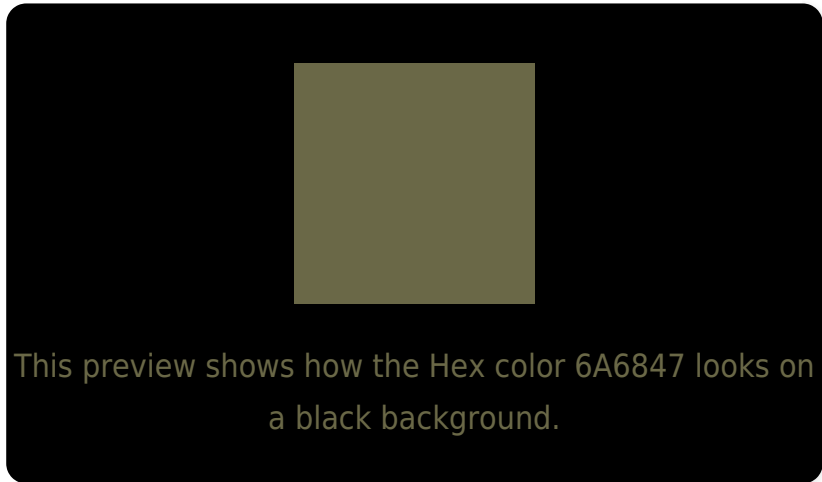
Large Text (above 18pt) WCAG AA ✓ Pass

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

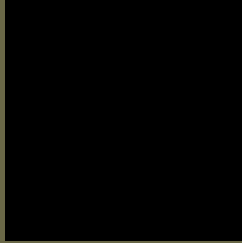
Any Text WCAG AA × Fail

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 6A6847 Background



This preview shows how black text looks on a background with the Hex color 6A6847.



This preview shows how white text looks on a background with the Hex color 6A6847.

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
6A6847

Protanopia
6F6646

Deuteranopia
7A6248



Tritanopia
6E636B

Trichromacy



Original Color
6A6847

Protanomaly
6D6746

Deuteranomaly
746448

Tritanomaly
6D655E

Monochromacy



Original Color
6A6847

Achromatopsia
656565

Achromatomaly
67665A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6847 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 #6A6847 looks like.

```
.text, #text, p{  
    color:#6A6847  
}
```

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 #6A6847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6847  
}
```

Border

The CSS property to change the border of an element to Hex 6A6847 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  
#6A6847 }
```

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

```
.border{ border-color:#6A6847 }
```

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

Here you see how a box with a 4 pixel #6A6847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6847; -webkit-box-shadow:4px 4px  
4px 4px #6A6847; box-shadow:4px 4px 4px  
4px #6A6847 }
```

Background

The CSS property to change the background color of an element to Hex 6A6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6847 }
```

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

```
.background{ background-color:#6A6847 }
```

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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