

Converting Colors

Hex(6A684B)

Have a look what the booklet for
Hex(6A684B) contains.

Hex(6A684B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A684B)

Conversions

Conversions Part 1

Format	Color
Hex	6A684B
RGB	106, 104, 75
RGB Percent	42%, 41%, 29%
CMY	0.5843, 0.5922, 0.7059
CMYK	0.00, 0.02, 0.29, 0.58
HSL	56°, 17%, 35%
HSV	56°, 29%, 42%
XYZ	12.1642, 13.4728, 8.6160
YIQ	101.2920, 10.5010, -8.5950

Conversions

Conversions Part 2

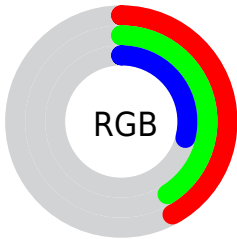
Format	Color
RYB	77, 106, 75
Decimal	6973515
CIELab	43.47, -4.35, 16.67
CIELCh	43, 17.224, 104.637
Yxy	13.4728, 0.3551, 0.3933
Android (android.graphics.Color)	4285163595 (0xFF6A684B)
YUV	101.2920, -12.9620, 4.1289
Hunter-Lab	36.7053, -5.0792, 11.7763

Details

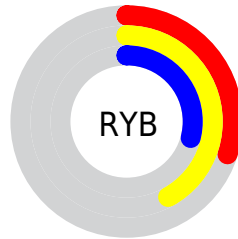
The Hex color **6A684B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B4D6A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9E9B7C**, and **3A391F** is the 20% darker color. If you saturate the color by 10%, you get **6A6740**, and if you desaturate by 10%, it is **6A6956**.

Distribution



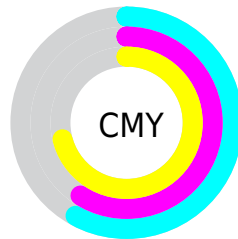
- Red (42%)
- Green (41%)
- Blue (29%)



- Red (30%)
- Yellow (42%)
- Blue (29%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (58%)



- Cyan (58%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A684B 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 6A684B by changing the saturation by 10% instead.



6A684B



6A684B

FFFFFF



525034



9E9B7C



3A391F



B9B696



242408



D5D1B1



080F00



F1EECC



000000



FFFFE8



6A684B



6A684B



6A6740



6A6956



6A6736



6A6960

 6A662B

 6A6A6B

 6A6521

 6A6B75

 6A6516

 6A6B80

 6A640B

 6A6C8B

 6A6301

 6A6D95

 6A6300

 6A6DA0

 6A6EAA

Harmonies

Analogous

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



78634B



6A684B



5A6C52

Triad

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



6A684B



3E6D7A



7F5D6F

Complementary

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



6A684B



4B4D6A

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.



72617B



6A684B



4C6A82

Square

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



6A684B



3F6F6D



5F6682



845C60

Rectangle

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



6A684B



4F6E5A



5F6682



7B5E73

Sweetspot

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



6A684B



8A897D



6A4B4D



45443D



C4C4C4



454545

Same Dimension

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



6A684B



8A875A



5D6A4B



363530



756E00



F5E500

Inverse Universe

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



4B4D6A



5A5D8A



584B6A



303136



000875



0010F5

Previews

White Background



This preview shows how the Hex color 6A684B looks on a white background.

Color Contrast Check

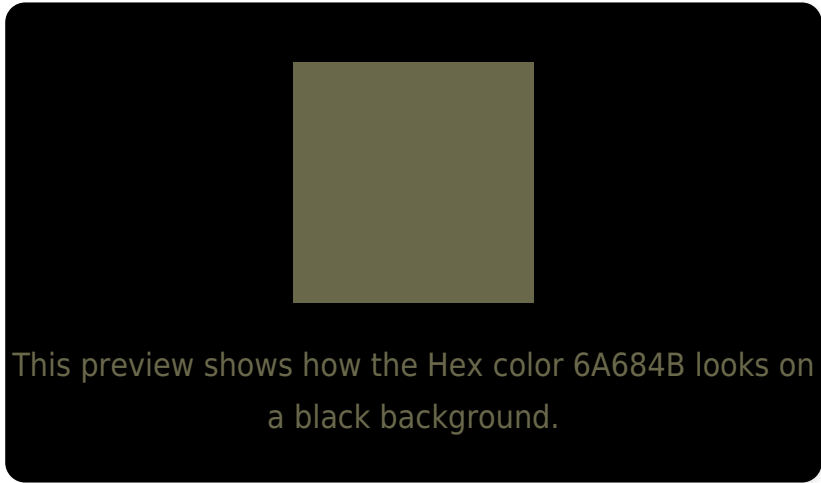
Large Text (above 18pt) WCAG AA ✓ Pass

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

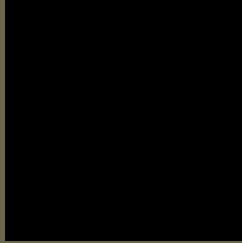
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

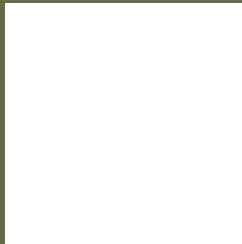
Any Text WCAG AAA × Fail

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

Hex 6A684B Background



This preview shows how black text looks on a background with the Hex color 6A684B.



This preview shows how white text looks on a background with the Hex color 6A684B.

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

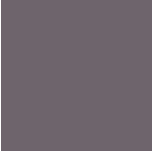
6A684B

Protanopia

6E674A

Deuteranopia

79624C



Tritanopia
6E646C

Trichromacy



Original Color
6A684B

Protanomaly
6D674A

Deuteranomaly
74644C

Tritanomaly
6D6560

Monochromacy



Original Color
6A684B

Achromatopsia
656565

Achromatomaly
67665C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A684B 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 #6A684B looks like.

```
.text, #text, p{  
    color:#6A684B  
}
```

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 #6A684B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A684B
}
```

Border

The CSS property to change the border of an element to Hex 6A684B is called "border". The border property can be set on classes, ids or directly on the HTML element.

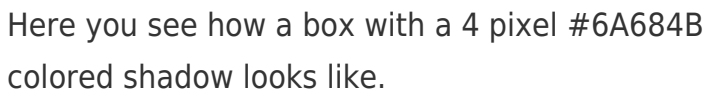
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A684B }
```

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

```
.border{ border-color:#6A684B }
```

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



Here you see how a box with a 4 pixel #6A684B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A684B; -webkit-box-shadow:4px 4px  
4px 4px #6A684B; box-shadow:4px 4px 4px  
4px #6A684B }
```

Background

The CSS property to change the background color of an element to Hex 6A684B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A684B }
```

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

```
.background{ background-color:#6A684B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor