

Converting Colors

Hex(68984E)

Have a look what the booklet for
Hex(68984E) contains.

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Color

Hex(68984E)

Conversions

Conversions Part 1

Format	Color
Hex	68984E
RGB	104, 152, 78
RGB Percent	41%, 60%, 31%
CMY	0.5922, 0.4039, 0.6941
CMYK	0.32, 0.00, 0.49, 0.40
HSL	99°, 32%, 45%
HSV	99°, 49%, 60%
XYZ	18.3123, 25.9496, 11.2513
YIQ	129.2120, -4.8540, -33.1900

Conversions

Conversions Part 2

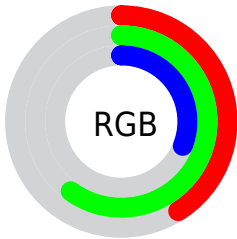
Format	Color
RYB	78, 152, 126
Decimal	6854734
CIELab	57.99, -30.14, 33.72
CIElCh	58, 45.220, 131.791
Yxy	25.9496, 0.3299, 0.4674
Android (android.graphics.Color)	4285044814 (0xFF68984E)
YUV	129.2120, -25.2475, -22.1109
Hunter-Lab	50.9407, -24.9787, 22.5631

Details

The Hex color **68984E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7E4E98**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9DCF81**, and **35651E** is the 20% darker color. If you saturate the color by 10%, you get **5E983F**, and if you desaturate by 10%, it is **72985D**.

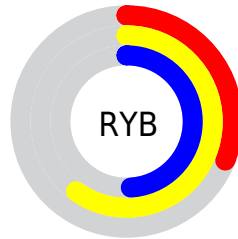
Distribution



Red (41%)

Green (60%)

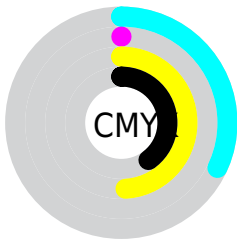
Blue (31%)



Red (31%)

Yellow (60%)

Blue (49%)

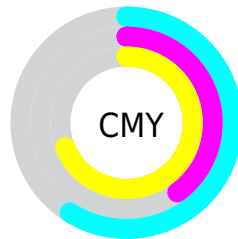


Cyan (32%)

Magenta (0%)

Yellow (49%)

Black (40%)



Cyan (59%)

Magenta (40%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68984E 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 68984E by changing the saturation by 10% instead.

 68984E

 68984E

FFFFFF

 4E7E36

 9DCF81

 35651E

 B9EB9B

 1B4C04

 D5FFB6

 013500

 F2FFD2

 002100

 FFFFEF

 000000

 68984E

 68984E

 5E983F

 72985D

 549830

 7C986C

 4A9820

 86987C

 419811

 8F988B

 379802

 99989A

 359800

 A398A9

 AD98B8

 B798C8

 C198D7

Harmonies

Analogous

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



938E3A



68984E



279E71

Triad

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



68984E



0096D6



D66A7D

Complementary

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



68984E



7E4E98

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.



C86DA5



68984E



648AD9

Square

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



68984E



009DBF



A37BC7



CE7258

Rectangle

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



68984E



009F8D



A37BC7



D3698B

Sweetspot

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



68984E



B1C4A7



987D4E



586352



E3E3E3



636363

Same Dimension

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



68984E



7AC452



4E9858



484D45



318C00



040D00

Inverse Universe

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



7E4E98



9C52C4



984E8E



4A454D



5B008C



08000D

Previews

White Background



This preview shows how the Hex color 68984E looks on a white background.

Color Contrast Check

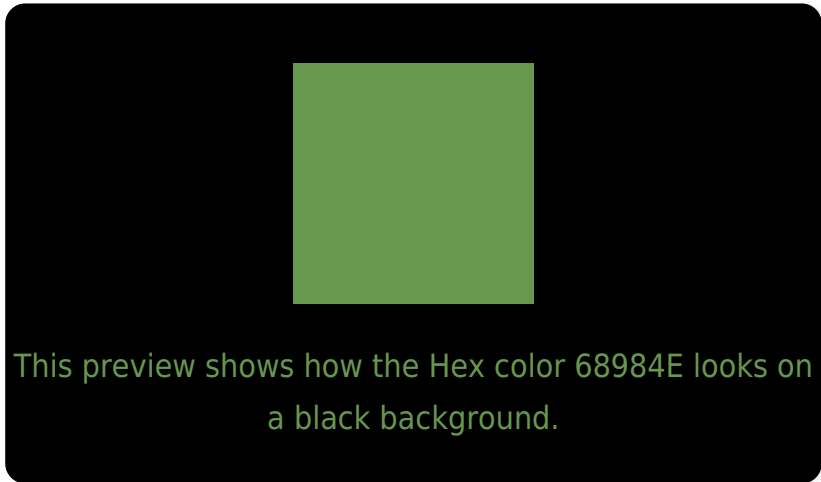
Large Text (above 18pt) WCAG AA ✓ Pass

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 68984E Background



This preview shows how black text looks on a background with the Hex color 68984E.



This preview shows how white text looks on a background with the Hex color 68984E.

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](#).

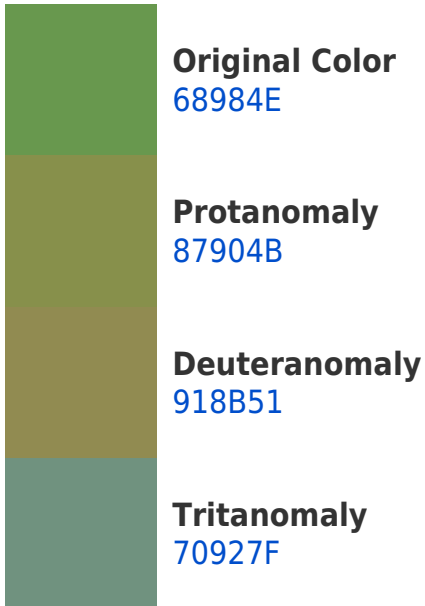
Dichromacy



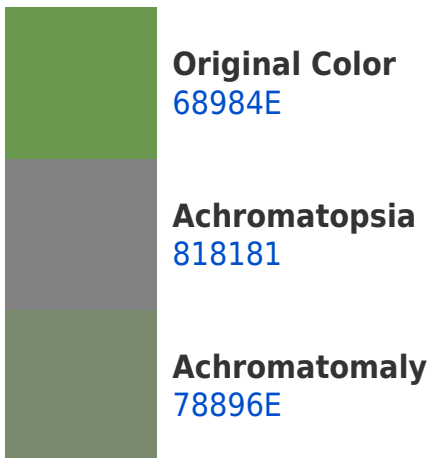


Tritanopia
748F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68984E 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 #68984E looks like.

```
.text, #text, p{  
    color:#68984E  
}
```

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 #68984E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68984E
}
```

Border

The CSS property to change the border of an element to Hex 68984E 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
#68984E }
```

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

```
.border{ border-color:#68984E }
```

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

Here you see how a box with a 4 pixel #68984E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68984E; -webkit-box-shadow:4px 4px  
4px 4px #68984E; box-shadow:4px 4px 4px  
4px #68984E }
```

Background

The CSS property to change the background color of an element to Hex 68984E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68984E }
```

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

```
.background{ background-color:#68984E }
```

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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