

Converting Colors

Hex(68874F)

Have a look what the booklet for
Hex(68874F) contains.

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Color

Hex(68874F)

Conversions

Conversions Part 1

Format	Color
Hex	68874F
RGB	104, 135, 79
RGB Percent	41%, 53%, 31%
CMY	0.5922, 0.4706, 0.6902
CMYK	0.23, 0.00, 0.41, 0.47
HSL	93°, 26%, 42%
HSV	93°, 41%, 53%
XYZ	15.7842, 20.8355, 10.5869
YIQ	119.3470, -0.5000, -23.9880

Conversions

Conversions Part 2

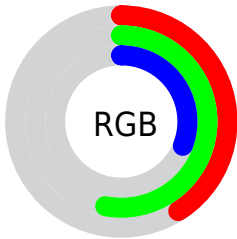
Format	Color
RYB	79, 135, 110
Decimal	6850383
CIELab	52.77, -21.59, 26.60
CIElCh	53, 34.258, 129.062
Yxy	20.8355, 0.3344, 0.4414
Android (android.graphics.Color)	4285040463 (0xFF68874F)
YUV	119.3470, -19.8911, -13.4593
Hunter-Lab	45.6459, -18.1558, 18.2007

Details

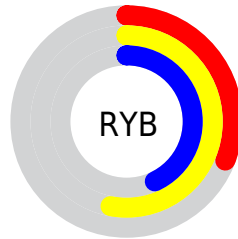
The Hex color **68874F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6E4F87**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9CBC81**, and **375521** is the 20% darker color. If you saturate the color by 10%, you get **618742**, and if you desaturate by 10%, it is **6F875D**.

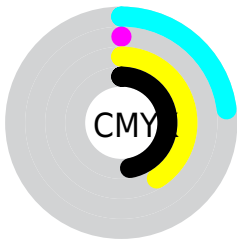
Distribution



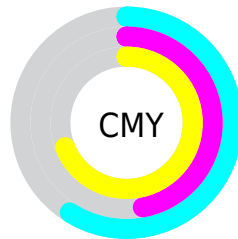
- Red (41%)
- Green (53%)
- Blue (31%)



- Red (31%)
- Yellow (53%)
- Blue (43%)



- Cyan (23%)
- Magenta (0%)
- Yellow (41%)
- Black (47%)



- Cyan (59%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68874F 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 68874F by changing the saturation by 10% instead.

68874F

68874F

FFFFFF

4F6E37

9CBC81

375521

B7D89B

203E0A

D3F5B6

0A2700

F0FFD2

001100

FFFFEE

000000

68874F

68874F

618742

6F875D

598734

77876A

■ 528727

■ 7E8778

■ 4A8719

■ 868785

■ 43870B

■ 8D8793

■ 3C8700

■ 9587A0

■ 9C87AE

■ A487BB

■ AB87C9

Harmonies

Analogous

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



887F43



68874F



428C68

Triad

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



68874F



1F87B4



B66676

Complementary

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



68874F



6E4F87

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.



AA6994



68874F



607EB8

Square

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



68874F



008CA2



8D73AC



B36B5A

Rectangle

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



68874F



1D8D7C



8D73AC



B46680

Sweetspot

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



68874F



A4B09B



876E4F



52594D



D9D9D9



595959

Same Dimension

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



68874F



7FB058



4F8752



3F423C



3A8200



010300

Inverse Universe

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



6E4F87



8958B0



874F84



3F3C42



480082



010003

Previews

White Background



This preview shows how the Hex color 68874F looks on a white background.

Color Contrast Check

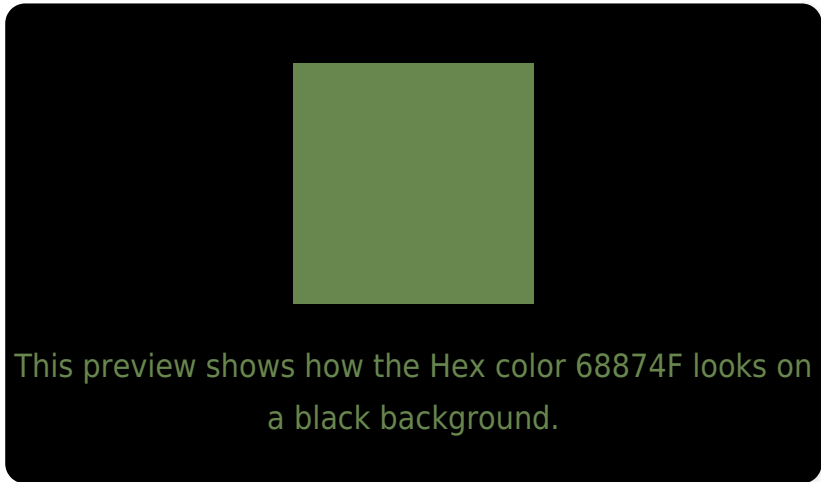
Large Text (above 18pt) WCAG AA ✓ Pass

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

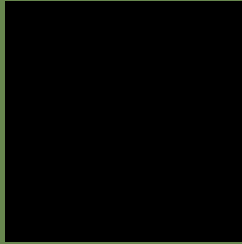
Any Text WCAG AA ✓ Pass

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 68874F Background



This preview shows how black text looks on a background with the Hex color 68874F.

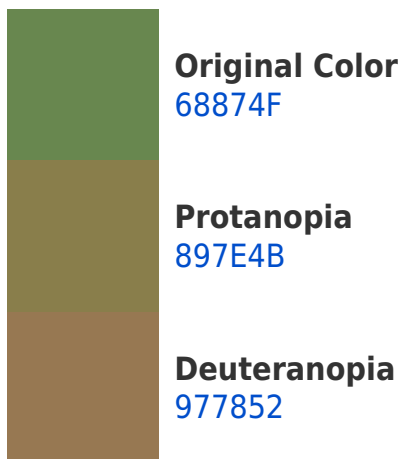


This preview shows how white text looks on a background with the Hex color 68874F.

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
71808A

Trichromacy



Original Color
68874F

Protanomaly
7D814C

Deuteranomaly
867D51

Tritanomaly
6E8375

Monochromacy



Original Color
68874F

Achromatopsia
777777

Achromatomaly
727D68

CSS Examples

Text

The CSS property to change the color of the text to Hex 68874F 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 #68874F looks like.

```
.text, #text, p{  
    color:#68874F  
}
```

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 #68874F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68874F
}
```

Border

The CSS property to change the border of an element to Hex 68874F 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
#68874F }
```

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

```
.border{ border-color:#68874F }
```

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

Here you see how a box with a 4 pixel #68874F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68874F; -webkit-box-shadow:4px 4px  
4px 4px #68874F; box-shadow:4px 4px 4px  
4px #68874F }
```

Background

The CSS property to change the background color of an element to Hex 68874F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68874F }
```

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

```
.background{ background-color:#68874F }
```

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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