

# Converting Colors

Hex(6B824F)

Have a look what the booklet for  
Hex(6B824F) contains.

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**Color**

**Hex(6B824F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B824F
RGB	107, 130, 79
RGB Percent	42%, 51%, 31%
CMY	0.5804, 0.4902, 0.6902
CMYK	0.18, 0.00, 0.39, 0.49
HSL	87°, 24%, 41%
HSV	87°, 39%, 51%
XYZ	15.4573, 19.6556, 10.3764
YIQ	117.3090, 2.6630, -20.7370

# Conversions

## Conversions Part 2

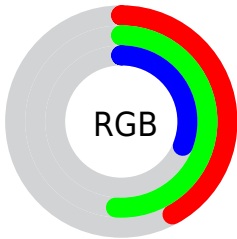
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 130, 102
Decimal	7045711
CIELab	51.45, -17.79, 24.93
CIELCh	51, 30.630, 125.515
Yxy	19.6556, 0.3398, 0.4321
Android (android.graphics.Color)	4285235791 (0xFF6B824F)
YUV	117.3090, -18.8863, -9.0410
Hunter-Lab	44.3346, -15.3513, 17.1576

# Details

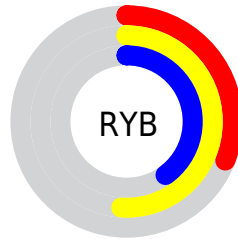
The Hex color **6B824F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **664F82**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9FB781**, and **3A5121** is the 20% darker color. If you saturate the color by 10%, you get **658242**, and if you desaturate by 10%, it is **71825C**.

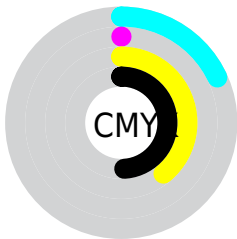
# Distribution



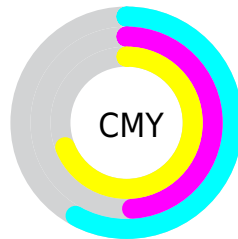
- Red (42%)
- Green (51%)
- Blue (31%)



- Red (31%)
- Yellow (51%)
- Blue (40%)



- Cyan (18%)
- Magenta (0%)
- Yellow (39%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B824F 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 6B824F by changing the saturation by 10% instead.



 6B824F

 6B824F

FFFFFF

 526938

 9FB781

 3A5121

 BAD39B

 233A0B

 D6EFB6

 0F2400

 F3FFD2

 000A00

 FFFFEE

 000000

 6B824F

 6B824F

 658242

 71825C

 5F8235

 778269

■ 598228

■ 7D8276

■ 54821B

■ 828283

■ 4E820E

■ 888290

■ 488201

■ 8E829D

■ 478200

■ 9482AA

■ 9A82B7

■ A082C4

# Harmonies

## Analogous

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



877B46



6B824F



4B8764

# Triad

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



6B824F



2B83AA



AD6677

# Complementary

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



6B824F



664F82

# 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.



9F6991



6B824F



5C7CAE

# Square

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



6B824F



008798



8472A5



AB695D

# Rectangle

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



6B824F



328876



8472A5



AA6680



# Sweetspot

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



6B824F



9FA894



82664F



4F5448



D4D4D4



545454



# Same Dimension

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



6B824F



85A859



52824F



3D4039



468000



000000



# Inverse Universe

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



664F82



7D59A8



7F4F82



3C3940



3A0080



000000



# Previews

## White Background



This preview shows how the Hex color 6B824F looks on a white background.

## Color Contrast Check

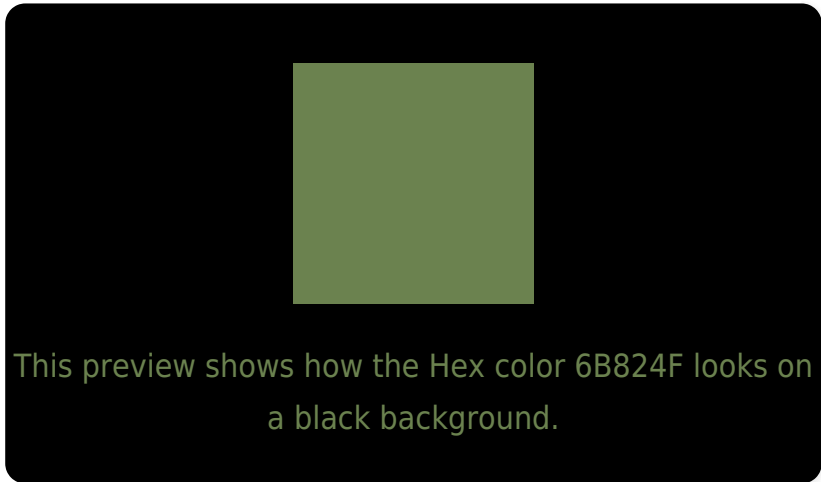
Large Text (above 18pt) WCAG AA ✓ Pass

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

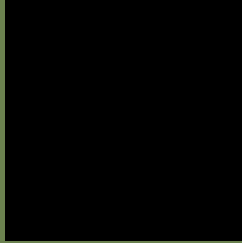
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B824F Background



This preview shows how black text looks on a background with the Hex color 6B824F.



This preview shows how white text looks on a background with the Hex color 6B824F.

# 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**  
6B824F

**Protanopia**  
857A4C

**Deuteranopia**  
937552



**Tritanopia**  
737B85

# Trichromacy



**Original Color**  
6B824F

**Protanomaly**  
7C7D4D

**Deuteranomaly**  
847A51

**Tritanomaly**  
707E71

# Monochromacy



**Original Color**  
6B824F

**Achromatopsia**  
757575

**Achromatomaly**  
717A67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B824F 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 #6B824F looks like.

```
.text, #text, p{  
    color:#6B824F  
}
```

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 #6B824F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B824F
}
```

## Border

The CSS property to change the border of an element to Hex 6B824F 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
#6B824F }
```

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

```
.border{ border-color:#6B824F }
```

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

Here you see how a box with a 4 pixel #6B824F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B824F; -webkit-box-shadow:4px 4px  
4px 4px #6B824F; box-shadow:4px 4px 4px  
4px #6B824F }
```

# Background

The CSS property to change the background color of an element to Hex 6B824F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B824F }
```

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

```
.background{ background-color:#6B824F }
```

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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