

Converting Colors

Hex(64B974)

Have a look what the booklet for
Hex(64B974) contains.

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Color

Hex(64B974)

Conversions

Conversions Part 1

Format	Color
Hex	64B974
RGB	100, 185, 116
RGB Percent	39%, 73%, 45%
CMY	0.6078, 0.2745, 0.5451
CMYK	0.46, 0.00, 0.37, 0.27
HSL	131°, 38%, 56%
HSV	131°, 46%, 73%
XYZ	25.7569, 38.6682, 22.6292
YIQ	151.7190, -28.5110, -39.4790

Conversions

Conversions Part 2

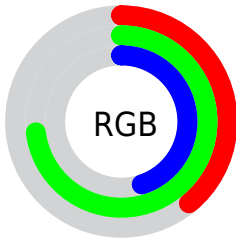
Format	Color
RYB	100, 172, 185
Decimal	6601076
CIELab	68.51, -40.71, 27.24
CIELCh	69, 48.981, 146.212
Yxy	38.6682, 0.2959, 0.4442
Android (android.graphics.Color)	4284791156 (0xFF64B974)
YUV	151.7190, -17.6095, -45.3576
Hunter-Lab	62.1838, -34.8858, 21.9525

Details

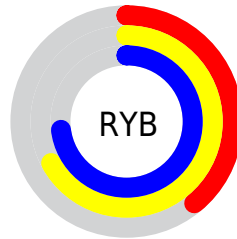
The Hex color **64B974** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B964A9**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9BF2A9**, and **2C8343** is the 20% darker color. If you saturate the color by 10%, you get **52B965**, and if you desaturate by 10%, it is **77B983**.

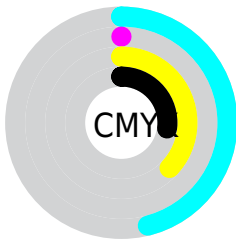
Distribution



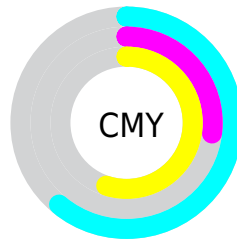
- Red (39%)
- Green (73%)
- Blue (45%)



- Red (39%)
- Yellow (67%)
- Blue (73%)



- Cyan (46%)
- Magenta (0%)
- Yellow (37%)
- Black (27%)



- Cyan (61%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B974 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 64B974 by changing the saturation by 10% instead.

 64B974

 64B974

FFFFFF

 499E5B

 9BF2A9

 2C8343

 B7FFC4

 03692C

 D4FFE0

 005015

 F1FFFD

 003900

 002400

 000000

 64B974

 64B974

 52B965

 77B983

 3FB956

 89B992

 2DB947

 9CB9A1

 1AB938

 AEB9B0

 08B929

 C1B9BF

 00B923

 D3B9CE

 E5B9DD

 F8B9EC

 FFB9FB

Harmonies

Analogous

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



9AB055



64B974



00BDA0

Triad

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



64B974



48ADFF



FA8582

Complementary

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



64B974



B964A9

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.



F682AF



64B974



A19EF7

Square

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



64B974



00B8F0



D98DD9



E8935E

Rectangle

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



64B974



00BEBE



D98DD9



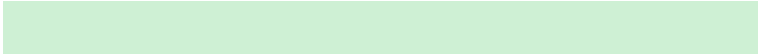
FB8391

Sweetspot

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



64B974



CEF0D4



A9B964



637867



F7F7F7



787878

Same Dimension

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



64B974



6CF085



64B99E



535C54



009C1D



001C05

Inverse Universe

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



B964A9



F06CD7



B9647F



5C535A



9C007E



1C0017

Previews

White Background



This preview shows how the Hex color 64B974 looks on a white background.

Color Contrast Check

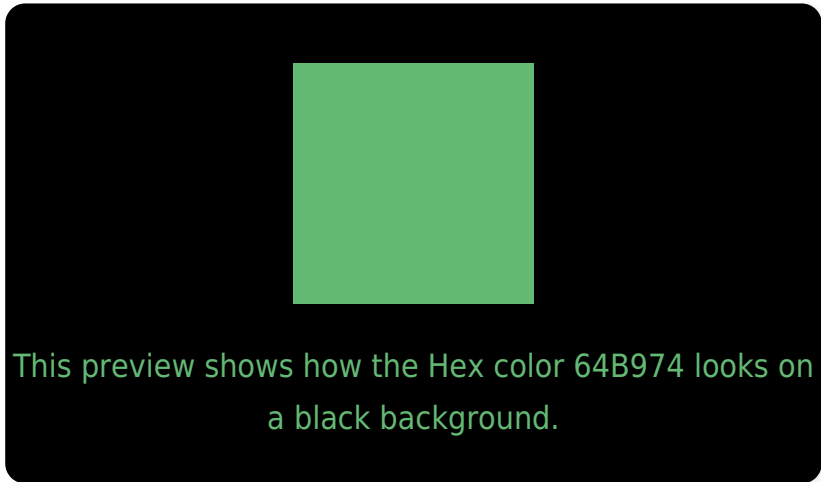
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 64B974 Background



This preview shows how black text looks on a background with the Hex color 64B974.

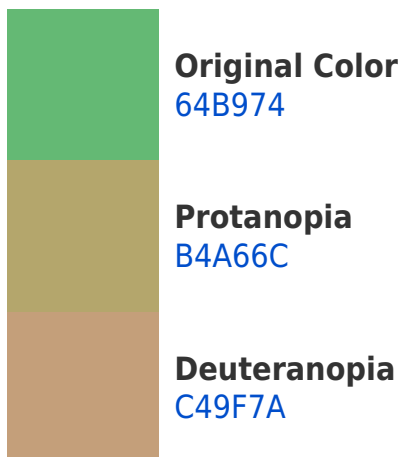


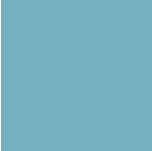
This preview shows how white text looks on a background with the Hex color 64B974.

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](#).

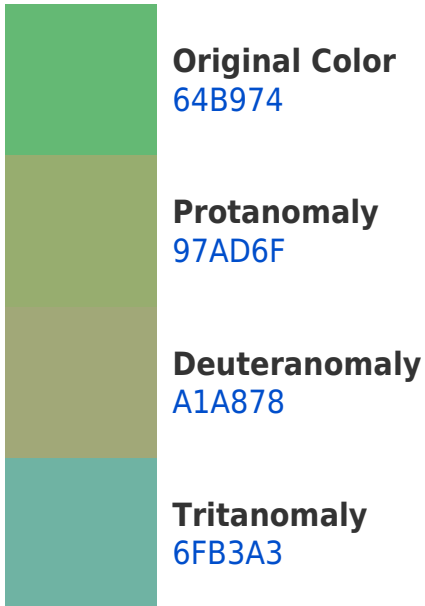
Dichromacy





Tritanopia
75B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64B974 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 #64B974 looks like.

```
.text, #text, p{  
    color:#64B974  
}
```

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 #64B974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B974
}
```

Border

The CSS property to change the border of an element to Hex 64B974 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
#64B974 }
```

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

```
.border{ border-color:#64B974 }
```

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

Here you see how a box with a 4 pixel #64B974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B974; -webkit-box-shadow:4px 4px  
4px 4px #64B974; box-shadow:4px 4px 4px  
4px #64B974 }
```

Background

The CSS property to change the background color of an element to Hex 64B974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B974 }
```

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

```
.background{ background-color:#64B974 }
```

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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