

Converting Colors

Hex(64B474)

Have a look what the booklet for
Hex(64B474) contains.

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Color

Hex(64B474)

Conversions

Conversions Part 1

Format	Color
Hex	64B474
RGB	100, 180, 116
RGB Percent	39%, 71%, 45%
CMY	0.6078, 0.2941, 0.5451
CMYK	0.44, 0.00, 0.36, 0.29
HSL	132°, 35%, 55%
HSV	132°, 44%, 71%
XYZ	24.7292, 36.6128, 22.2866
YIQ	148.7840, -27.1360, -36.8640

Conversions

Conversions Part 2

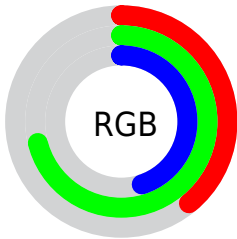
Format	Color
RYB	100, 167, 180
Decimal	6599796
CIELab	66.99, -38.50, 25.21
CIELCh	67, 46.019, 146.780
Yxy	36.6128, 0.2957, 0.4378
Android (android.graphics.Color)	4284789876 (0xFF64B474)
YUV	148.7840, -16.1625, -42.7836
Hunter-Lab	60.5085, -32.9389, 20.5181

Details

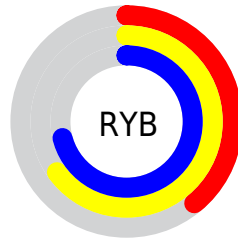
The Hex color **64B474** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B464A4**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9BECA9**, and **2D7E43** is the 20% darker color. If you saturate the color by 10%, you get **52B466**, and if you desaturate by 10%, it is **76B482**.

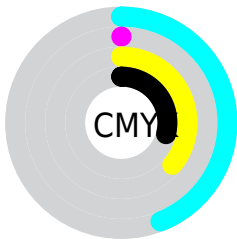
Distribution



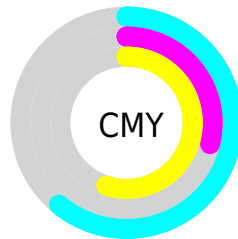
- Red (39%)
- Green (71%)
- Blue (45%)



- Red (39%)
- Yellow (65%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (36%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B474 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 64B474 by changing the saturation by 10% instead.



64B474



64B474

FFFFFF



49995B



9BECA9



2D7E43



B7FFC4



08652C



D3FFE0



004C16



F0FFFD



003500



002000



000000



64B474



64B474



52B466



76B482

 40B457

 88B491

 2EB449

 9AB49F

 1CB43A

 ACB4AE

 0AB42C

 BEB4BC

 00B424

 D0B4CA

 E2B4D9

 F4B4E7

 FFB4F6

Harmonies

Analogous

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



97AC56



64B474



00B89D

Triad

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



64B474



51A9F5



F18480

Complementary

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



64B474



B464A4

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.



ED81A9



64B474



9F9AED

Square

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



64B474



00B3E7



D28AD1



E0905F

Rectangle

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



64B474



00B8BA



D28AD1



F2828D

Sweetspot

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



64B474



CCEBD2



A4B464



637566



F5F5F5



757575

Same Dimension

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



64B474



6EEB87



64B49C



505952



00991F



001A05

Inverse Universe

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



B464A4



EB6ED2



B4647C



595057



99007A



1A0014

Previews

White Background



This preview shows how the Hex color 64B474 looks on a white background.

Color Contrast Check

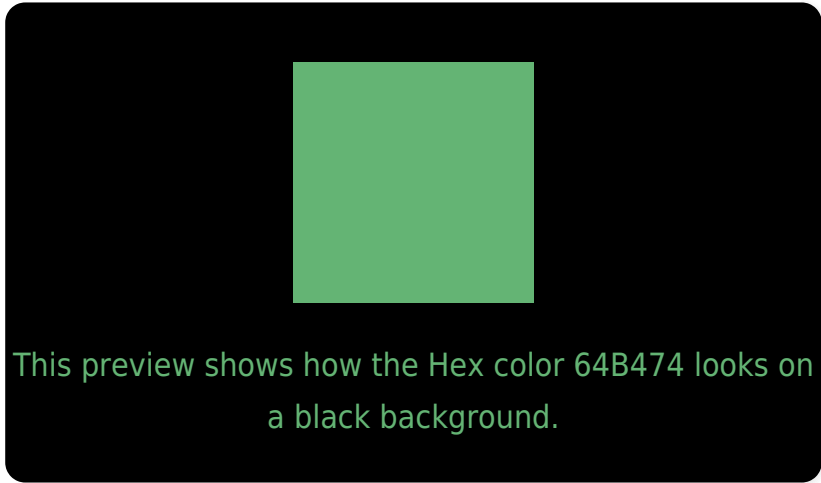
Large Text (above 18pt) WCAG AA × Fail

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

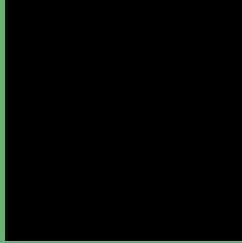
Any Text WCAG AA ✓ Pass

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 64B474 Background



This preview shows how black text looks on a background with the Hex color 64B474.

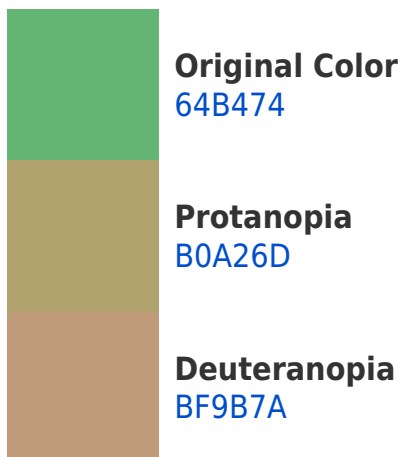


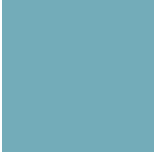
This preview shows how white text looks on a background with the Hex color 64B474.

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
73ACB9

Trichromacy



Original Color

64B474



Protanomaly

94A970



Deuteranomaly

9EA478



Tritanomaly

6EAFA0

Monochromacy



Original Color

64B474



Achromatopsia

959595



Achromatomaly

83A089

CSS Examples

Text

The CSS property to change the color of the text to Hex 64B474 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 #64B474 looks like.

```
.text, #text, p{  
    color:#64B474  
}
```

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 #64B474 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B474
}
```

Border

The CSS property to change the border of an element to Hex 64B474 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
#64B474 }
```

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

```
.border{ border-color:#64B474 }
```

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

Here you see how a box with a 4 pixel #64B474 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B474; -webkit-box-shadow:4px 4px  
4px 4px #64B474; box-shadow:4px 4px 4px  
4px #64B474 }
```

Background

The CSS property to change the background color of an element to Hex 64B474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B474 }
```

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

```
.background{ background-color:#64B474 }
```

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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