

Converting Colors

Hex(64B472)

Have a look what the booklet for
Hex(64B472) contains.

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Color

Hex(64B472)

Conversions

Conversions Part 1

Format	Color
Hex	64B472
RGB	100, 180, 114
RGB Percent	39%, 71%, 45%
CMY	0.6078, 0.2941, 0.5529
CMYK	0.44, 0.00, 0.37, 0.29
HSL	130°, 35%, 55%
HSV	130°, 44%, 71%
XYZ	24.6141, 36.5667, 21.6804
YIQ	148.5560, -26.4940, -37.4860

Conversions

Conversions Part 2

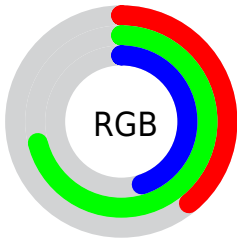
Format	Color
RYB	100, 168, 180
Decimal	6599794
CIELab	66.95, -38.84, 26.23
CIElCh	67, 46.871, 145.970
Yxy	36.5667, 0.2971, 0.4413
Android (android.graphics.Color)	4284789874 (0xFF64B472)
YUV	148.5560, -17.0361, -42.5836
Hunter-Lab	60.4704, -33.1662, 21.0722

Details

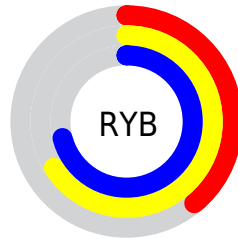
The Hex color **64B472** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B464A6**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9BECA6**, and **2D7E41** is the 20% darker color. If you saturate the color by 10%, you get **52B463**, and if you desaturate by 10%, it is **76B481**.

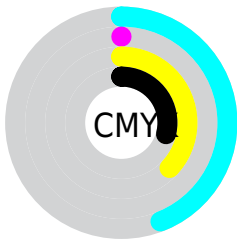
Distribution



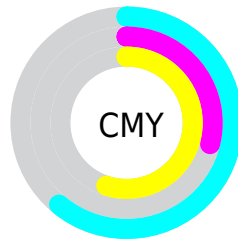
- Red (39%)
- Green (71%)
- Blue (45%)



- Red (39%)
- Yellow (66%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (37%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 64B472 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 64B472 by changing the saturation by 10% instead.



64B472



64B472

FFFFFF



499959



9BECA6



2D7E41



B7FFC2



08652A



D3FFDE



004C13



F0FFFB



003500



002000



000000



64B472



64B472




52B463



76B481

 40B454

 88B490

 2EB445

 9AB49F

 1CB437

 ACB4AD

 0AB428

 BEB4BC

 00B41F

 D0B4CB

 E2B4DA

 F4B4E9

 FFB4F8

Harmonies

Analogous

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



97AB54



64B472



00B89C

Triad

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



64B472



4BA9F7



F28380

Complementary

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



64B472



B464A6

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.



EE80AA



64B472



9D9AEF

Square

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



64B472



00B3E8



D28AD3



E18F5E

Rectangle

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



64B472



00B9B9



D28AD3



F3808E

Sweetspot

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



64B472



CCEBD1



A7B464



637566



F5F5F5



757575

Same Dimension

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



64B472



6EEB84



64B499



505952



00991B



001A04

Inverse Universe

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



B464A6



EB6ED5



B4647F



595058



99007E



1A0015

Previews

White Background



This preview shows how the Hex color 64B472 looks on a white background.

Color Contrast Check

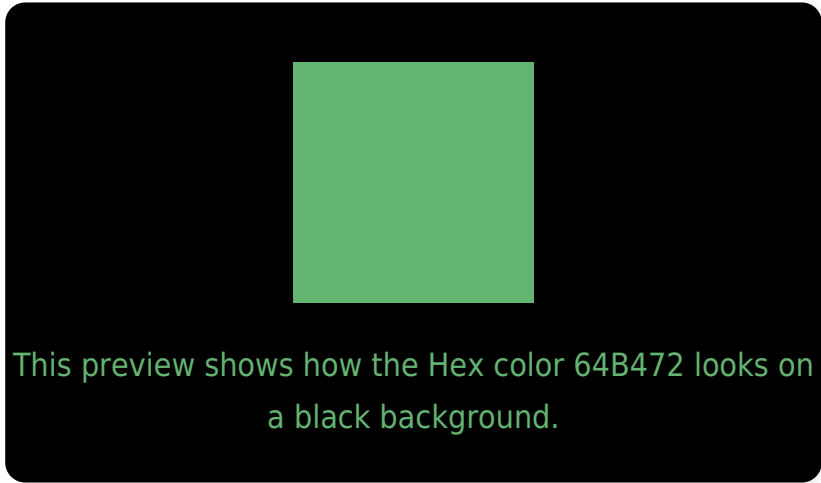
Large Text (above 18pt) WCAG AA × Fail

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 64B472 Background



This preview shows how black text looks on a background with the Hex color 64B472.

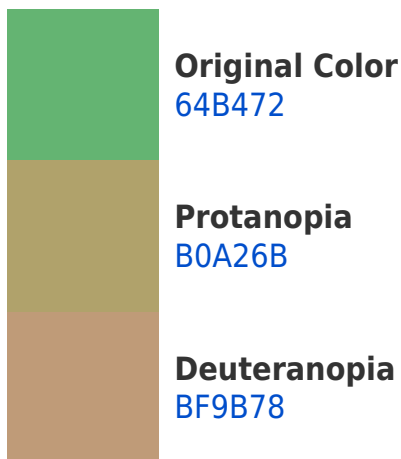


This preview shows how white text looks on a background with the Hex color 64B472.

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
74ABB9

Trichromacy



Original Color

64B472



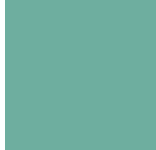
Protanomaly

94A96E



Deuteranomaly

9EA476



Tritanomaly

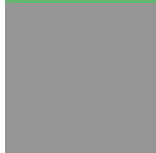
6EAE9F

Monochromacy



Original Color

64B472



Achromatopsia

959595



Achromatomaly

83A088

CSS Examples

Text

The CSS property to change the color of the text to Hex 64B472 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 #64B472 looks like.

```
.text, #text, p{  
    color:#64B472  
}
```

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 #64B472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B472
}
```

Border

The CSS property to change the border of an element to Hex 64B472 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
#64B472 }
```

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

```
.border{ border-color:#64B472 }
```

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

Here you see how a box with a 4 pixel #64B472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B472; -webkit-box-shadow:4px 4px  
4px 4px #64B472; box-shadow:4px 4px 4px  
4px #64B472 }
```

Background

The CSS property to change the background color of an element to Hex 64B472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B472 }
```

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

```
.background{ background-color:#64B472 }
```

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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