

Converting Colors

Hex(64B48A)

Have a look what the booklet for
Hex(64B48A) contains.

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Color

Hex(64B48A)

Conversions

Conversions Part 1

Format	Color
Hex	64B48A
RGB	100, 180, 138
RGB Percent	39%, 71%, 54%
CMY	0.6078, 0.2941, 0.4588
CMYK	0.44, 0.00, 0.23, 0.29
HSL	148°, 35%, 55%
HSV	148°, 44%, 71%
XYZ	26.1642, 37.1868, 29.8435
YIQ	151.2920, -34.1980, -30.0220

Conversions

Conversions Part 2

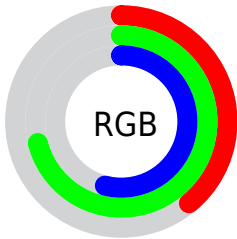
Format	Color
RYB	100, 154, 180
Decimal	6599818
CIELab	67.42, -34.30, 13.91
CIElCh	67, 37.011, 157.929
Yxy	37.1868, 0.2807, 0.3990
Android (android.graphics.Color)	4284789898 (0xFF64B48A)
YUV	151.2920, -6.5530, -44.9831
Hunter-Lab	60.9810, -30.1303, 13.6707

Details

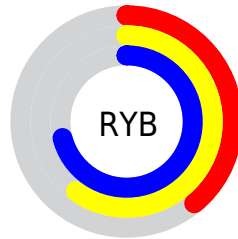
The Hex color **64B48A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B4648E**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9BECC0**, and **2D7F58** is the 20% darker color. If you saturate the color by 10%, you get **52B481**, and if you desaturate by 10%, it is **76B493**.

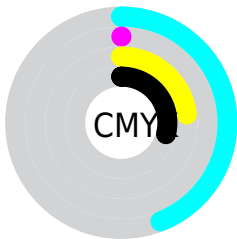
Distribution



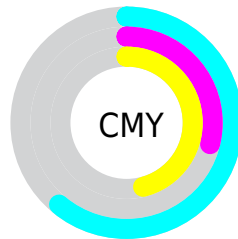
- Red (39%)
- Green (71%)
- Blue (54%)



- Red (39%)
- Yellow (60%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B48A 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 64B48A by changing the saturation by 10% instead.



64B48A



64B48A

FFFFFF



499971



9BECC0



2D7F58



B7FFDB



096540



D3FFF8



004D2A



F0FFFF



003515



002100



000000



64B48A



64B48A



52B481



76B493

 40B477

 88B49D

 2EB46E

 9AB4A6

 1CB464

 ACB4B0

 0AB45B

 BEB4B9

 00B455

 D0B4C3

 E2B4CC

 F4B4D6

 FFB4DF

Harmonies

Analogous

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



8DAE6E



64B48A



34B6AC

Triad

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



64B48A



82A4E6



E18F7D

Complementary

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



64B48A



B4648E

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.



E58A9C



64B48A



B498D9

Square

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



64B48A



47AEE1



D58EBE



CF9A67

Rectangle

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



64B48A



0FB5C2



D58EBE



E48D87

Sweetspot

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



64B48A



CCEBDB



8FB464



63756B



F5F5F5



757575

Same Dimension

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



64B48A



6EEBA9



64B4B1



505955



009949



001A0C

Inverse Universe

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



B4648E



EB6EB0



B46467



595055



990050



1A000D

Previews

White Background



This preview shows how the Hex color 64B48A looks on a white background.

Color Contrast Check

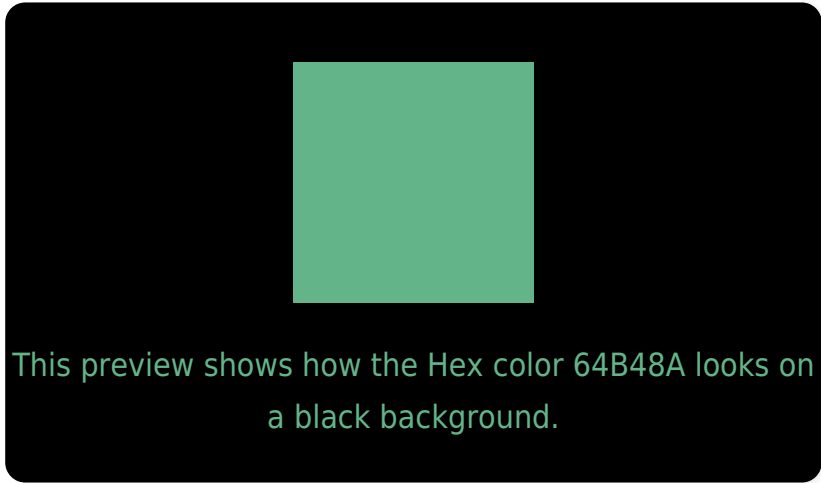
Large Text (above 18pt) WCAG AA × Fail

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

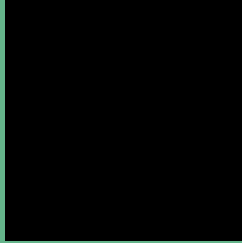
Any Text WCAG AA ✓ Pass

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 64B48A Background



This preview shows how black text looks on a background with the Hex color 64B48A.

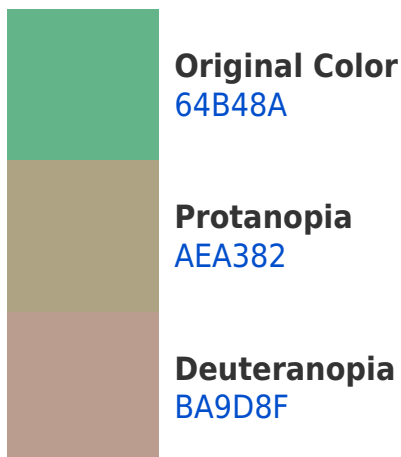


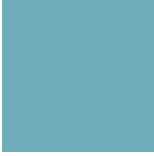
This preview shows how white text looks on a background with the Hex color 64B48A.

Color Blindness Simulation

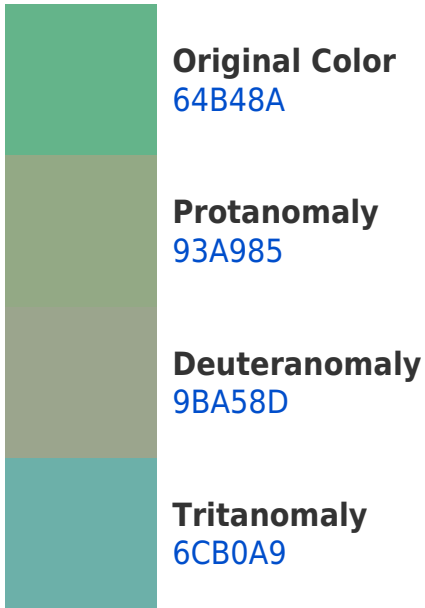
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

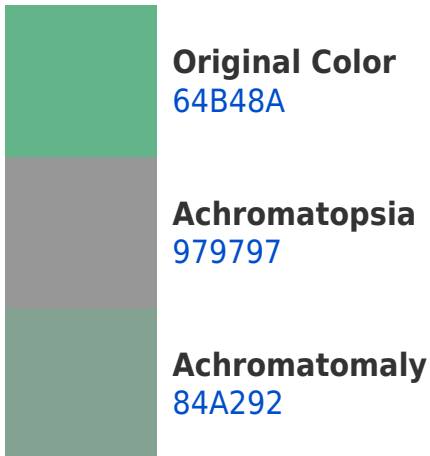




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64B48A 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 #64B48A looks like.

```
.text, #text, p{  
    color:#64B48A  
}
```

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 #64B48A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B48A
}
```

Border

The CSS property to change the border of an element to Hex 64B48A 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
#64B48A }
```

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

```
.border{ border-color:#64B48A }
```

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

Here you see how a box with a 4 pixel #64B48A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B48A; -webkit-box-shadow:4px 4px  
4px 4px #64B48A; box-shadow:4px 4px 4px  
4px #64B48A }
```

Background

The CSS property to change the background color of an element to Hex 64B48A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B48A }
```

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

```
.background{ background-color:#64B48A }
```

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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